Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 146 No. 18 May 1, 2018

Vol. 146 No. 18 le 1 mai 2018

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 1, 2018 contains applications open to public inspection from April 15, 2018 to April 21, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 1 mai 2018 contient les demandes disponibles au public pour consultation pour la période du 15 avril 2018 au 21 avril 2018.

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[54] **METHODE DE TRAITEMENT OU DE PREVENTION DE LA DETERIORATION, DE BLESSURE OU DE DOMMAGE TISSULAIRE ENGENDRE PAR UNE MALADIE NEURO-DEGENERATIVE, DEGENERATIVE MUSCULAIRE OU DEGENERATIVE NEURO-MUSCULAIRE OU PERMETTANT DE RESTAURER UN TISSU ALTERE PAR UNE TELLE MALADIE**
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[72] GALANT, STEVE N., CA
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[54] **MARQUEURS D'ALDEHYDE ET UTILISATIONS DE CEUX-CI DANS LE CADRE D'UNE MODIFICATION DE PROTEINES EN UN SITE SPECIFIQUE**
[72] CARRICO, ISAAC S., US
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[54] **SYSTEME D'ARCHIVAGE ET DE COMMUNICATION D'IMAGE BASE SUR UNE GRILLE COOPERATIVE**
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[54] **PREVENTION AND TREATMENT OF SYNUCLEINOPATHIC AND AMYLOIDOGENIC DISEASE**
[54] **PREVENTION ET TRAITEMENT DE MALADIES SYNUCLEINOPATHIQUES ET AMYLOIDOGENIQUES**
[72] SCHENK, DALE B., US
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[72] CHILCOTE, TAMIE J., US
[72] ROCKENSTEIN, EDWARD, US
[72] GAMES, KATE DORA, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] JANSSEN ALZHEIMER IMMUNOTHERAPY, IE
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[54] **CONTROLLED ORGANIC RANKINE CYCLE SYSTEM FOR RECOVERY AND CONVERSION OF THERMAL ENERGY**
[54] **SYSTEME A CYCLE DE RANKINE ORGANIQUE COMMANDE POUR RECUPERER ET CONVERTIR DE L'ENERGIE THERMIQUE**
[72] JUCHYMENKO, VICTOR, CA
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[54] **HIGH FUNCTIONALITY AMINE COMPOUNDS AND USES THEREFOR**
[54] **COMPOSES AMINE A HAUTE FONCTIONNALITE ET UTILISATIONS DE CEUX-CI**
[72] BURTON, BRUCE L., US
[72] RENKEN, TERRY L., US
[73] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2009-09-01
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[54] **SEQUENCE BASED ENGINEERING AND OPTIMIZATION OF SINGLE CHAIN ANTIBODIES**
[54] **INGENIERIE ET OPTIMISATION BASEES SUR LA SEQUENCE D'ANTICORPS A UNE SEULE CHAINE**
[72] URECH, DAVID, CH
[72] BORRAS, LEONARDO, CH
[73] ESBATECH, AN ALCON BIOMEDICAL RESEARCH UNIT LLC, CH
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[54] **PRAME DERIVED PEPTIDES AND IMMUNOGENIC COMPOSITIONS COMPRISING THESE**
[54] **PEPTIDES DERIVES DE PRAME ET COMPOSITIONS IMMUNOGENES COMPRENANT CEUX-CI**
[72] KESSLER, JAN, NL
[72] GRIFFIOEN, MARIEKE, NL
[72] MELIEF, CORNELIS JOHANNES MARIA, NL
[72] DRIJFHOUT, JAN WOUTER, NL
[73] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
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[25] EN
[54] **COMPOSITION USEFUL FOR THE PREVENTION OF TYPE 2 DIABETES AND ITS COMPLICATIONS IN PRE-DIABETIC PATIENTS WITH INSULIN RESISTANCE**
[54] **COMPOSITION UTILE POUR LA PREVENTION DU DIABETE DE TYPE 2 ET DE SES COMPLICATIONS DANS DES PATIENTS PRE-DIABETIQUES PRESENTANT UNE RESISTANCE A L'INSULINE**
[72] CAVAZZA, CLAUDIO, IT
[72] CARMINATI, PAOLO, IT
[73] ALFASIGMA S.P.A., IT
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[54] **PILE WITH INTEGRAL GEOTHERMAL CONDUIT LOOP RETAINING MEANS**
[54] **PIEU AVEC MOYENS DE RETENUE INTERNE DE BOUCLES DE CONDUITES GEOTHERMIQUES**
[72] DESMEULES, ALAIN, CA
[73] DESANTIS, BROOKE ERIN, CA
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[54] **FAILOVER WITH REDUNDANT MULTICASTS FOR SWITCHED DIGITAL VIDEO**
[54] **BASCULEMENT AVEC MULTIDIFFUSIONS REDONDANTES POUR VIDEO NUMERIQUE COMMUTEE**
[72] MAO, WEIDONG, US
[72] GABLER, PHILLIP, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[86] (2684824)
[87] (2684824)
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[51] **Int.Cl. H04W 72/08 (2009.01) G01D 4/02 (2006.01) H04B 1/713 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING RECEPTION OF DATA IN WIRELESS COMMUNICATION ENVIRONMENTS**
[54] **SYSTEMES ET PROCEDES VISANT A AMELIORER LA RECEPTION DES DONNEES DANS UN ENVIRONNEMENT DE COMMUNICATIONS SANS FIL**
[72] JOHNSON, MATTHEW, US
[72] CORNWALL, MARK K., US
[73] ITRON, INC., US
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[87] (2688746)
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[25] EN
[54] **METHOD AND SYSTEM FOR STORING CONTACT INFORMATION IN A NETWORK CONTACT DATABASE**
[54] **METHODE ET SYSTEME DE STOCKAGE DE COORDONNEES DANS UNE BASE DE DONNEES DE CONTACTS SUR UN RESEAU**
[72] ARSENAULT, JONATHAN ALLAN, CA
[73] BCE INC., CA
[85] 2010-01-29
[86] 2008-12-24 (PCT/CA2008/002295)
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[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01)**
[25] EN
[54] **SINGLE PLURIPOTENT STEM CELL CULTURE**
[54] **CULTURE DE CELLULE SOUCHE PLURIPOTENTE UNIQUE**
[72] NELSON, SHELLEY, US
[73] LIFESCAN, INC., US
[85] 2009-12-30
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[54] **PRODUCTION METHOD OF THERAPEUTIC PROTEINS BASED ON CODON ADAPTATION**
[54] **PROCEDE DE PRODUCTION DE PROTEINES THERAPEUTIQUES FONDE SUR L'ADAPTATION DES CODONS**
[72] UDEN, MARK, GB
[72] KOTSOPOULOU, EKATERINI, GB
[73] GLAXO GROUP LIMITED, GB
[85] 2010-02-03
[86] 2008-08-19 (PCT/EP2008/060834)
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[54] **TUNABLE MODE-LOCKED LASER**
[54] **LASER A MODE BLOQUE SYNTONISABLE**
[72] GODBOUT, NICOLAS, CA
[72] VILLENEUVE, ALAIN, CA
[73] GODBOUT, NICOLAS, CA
[73] GESTION OPTAV INC., CA
[85] 2010-02-09
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[25] EN
[54] **SYSTEM FOR MONITORING THE ENERGY EFFICIENCY OF TECHNOLOGY COMPONENTS**
[54] **SYSTEME PERMETTANT LA SURVEILLANCE DE L'EFFICACITE ENERGETIQUE D'ELEMENTS TECHNOLOGIQUES**
[72] TUNG, TERESA S., US
[72] GUEVARRA, NIKKI ANN G., US
[72] INESTROZA, FAUSTO A., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2697991)
[87] (2697991)
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[25] EN
[54] **DETERMINATION OF TIRE PARAMETERS FOR CONFIGURABLE APPLICATION OF A TIRE DRESSING**
[54] **DETERMINATION DE PARAMETRES DE PNEUS POUR UN APPAREIL DE NETTOYAGE DE PNEUS CONFIGURABLE**
[72] SCHILLING, PAUL S., US
[72] LORENZ, MARK, US
[73] ECOLAB INC., US
[86] (2701436)
[87] (2701436)
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[54] **COCOA EXTRACT FOR USE IN PROVIDING SKIN BENEFITS**
[54] **EXTRAIT DE CACAO ET UTILISATION INEDITE DE CELUI-CI**
[72] BERNAERT, HERWIG, BE
[72] ALLEGAERT, LEEN, BE
[73] BARRY CALLEBAUT AG, CH
[85] 2010-04-08
[86] 2008-09-26 (PCT/EP2008/008279)
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[25] EN
[54] **DELIVERING OSMOLYTES BY NASAL CANNULA**
[54] **ADMINISTRATION D'OSMOLYTES PAR CANULE NASALE**
[72] BOUCHER, RICHARD C., US
[72] JOHNSON, MICHAEL R., US
[73] PARION SCIENCES, INC., US
[85] 2010-04-08
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[51] **Int.Cl. C08L 5/08 (2006.01) A61K 8/73 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **TOPICALLY ADMINISTERED, SKIN-PENETRATING GLYCOSAMINOGLYCAN FORMULATIONS SUITABLE FOR USE IN COSMETIC AND PHARMACEUTICAL APPLICATIONS**
[54] **FORMULATIONS DE GLYCOSAMINOGLYCANE A PENETRATION CUTANEE POUR ADMINISTRATION TOPIQUE POUVANT ETRE UTILISEES A DES FINS COSMETIQUES ET PHARMACEUTIQUES**
[72] TURLEY, EVA, CA
[73] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
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[87] (2703532)
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[51] **Int.Cl. A61B 50/33 (2016.01) A61B 50/30 (2016.01) B65D 85/30 (2006.01)**
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[54] **CATHETER TRAY, PACKAGING SYSTEM, AND ASSOCIATED METHODS**
[54] **ECUELLE POUR CATHETERS, SYSTEME D'EMBALLAGE ET METHODES ASSOCIEES**
[72] TOMES, JENNIFER E., US
[72] ADLER, DEBORAH B., US
[72] MAZE, JACK E., US
[72] SAVAGE, ALBERTO C., US
[72] CHUA, KENNETH S., US
[72] WILSON, EARL D., US
[72] KUTSCH, JOHN H., US
[73] MEDLINE INDUSTRIES, INC., US
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[54] **METHODS FOR DETECTING LUNG CANCER AND MONITORING TREATMENT RESPONSE**
[54] **PROCEDES POUR DETECTER UN CANCER DU POUMON ET POUR SURVEILLER LA REPONSE A UN TRAITEMENT**
[72] LAM, STEPHEN, CA
[72] YEE, JOHN, CA
[72] KUZYK, MICHAEL, CA
[72] SIN, DON, CA
[72] SADAR, MARIANNE DOROTHY, CA
[72] TAMMEMAGI, CARL MARTIN, CA
[73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
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[25] EN
[54] **CARBANUCLEOSIDE SYNTHESIS AND INTERMEDIATE COMPOUNDS USEFUL THEREIN**
[54] **SYNTHESE DE CARBANUCLEOSIDE ET COMPOSES INTERMEDIAIRES UTILES POUR LA SYNTHESE**
[72] ALBERICO, DINO, CA
[72] GORIN, BORIS, CA
[72] BEHARRILALL, RYAN, CA
[72] DIXON, CRAIG E., CA
[72] CLAYTON, JOSHUA A., CA
[72] REXON, VARGHESE, CA
[73] ALPHORA RESEARCH INC., CA
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[87] (2705953)
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[25] EN
[54] **(AZA)INDOLE DERIVATIVE SUBSTITUTED IN POSITION 5, PHARMACEUTICAL COMPOSITION COMPRISING IT, INTERMEDIATE COMPOUNDS AND PREPARATION PROCESS THEREFOR**
[54] **DERIVE DE (AZA)INDOLE SUBSTITUE EN POSITION 5, COMPOSITION PHARMACEUTIQUE LE COMPRENANT, COMPOSES INTERMEDIAIRES ET LEUR PROCEDE DE PREPARATION**
[72] ALISI, MARIA ALESSANDRA, IT
[72] FURLOTTI, GUIDO, IT
[72] CAZZOLLA, NICOLA, IT
[72] MAUGERI, CATERINA, IT
[72] DRAGONE, PATRIZIA, IT
[72] GAROFALO, BARBARA, IT
[72] COLETTA, ISABELLA, IT
[72] MANGANO, GIORGINA, IT
[72] GARRONE, BEATRICE, IT
[73] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[85] 2010-05-26
[86] 2008-12-16 (PCT/EP2008/067622)
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[25] EN
[54] **END EFFECTOR IDENTIFICATION BY MECHANICAL FEATURES**
[54] **IDENTIFICATION D'UN EFFECTEUR PAR DES CARACTERISTIQUES MECANIQUES**
[72] ROSS, ADAM, US
[72] ZEMLOK, MICHAEL, US
[72] MARCZYK, STANISLAW, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2708867)
[87] (2708867)
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[30] US (12/773,176) 2010-05-04

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[25] EN
[54] **POWER INJECTOR WITH DECAY CONSTANT FUNCTIONALITY**
[54] **INJECTEUR SOUS PRESSION A FONCTIONNALITE DE CONSTANTE DE DECROISSEMENT**
[72] FAGO, FRANK M., US
[72] SCHALABI, ALYA, DE
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[85] 2010-06-25
[86] 2009-08-18 (PCT/US2009/054101)
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[30] US (61/090,911) 2008-08-22

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **ENHANCING AND STORING DATA FOR RECALL AND USE**
[54] **AMELIORATION ET STOCKAGE DE DONNEES POUR UN RAPPEL ET UNE UTILISATION**
[72] AGARWAL, AMIT D., US
[72] HALL, SAMUEL P., VI, US
[72] RODE, ELISABETH L., US
[72] BEZOS, JEFFREY P., US
[72] JOSEPH, B. ANTHONY, US
[73] AMAZON TECHNOLOGIES, INC., US
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[30] US (61/021,275) 2008-01-15
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[54] **DEVICE FOR REGULATING BLOOD FLOW**
[54] **DISPOSITIF PERMETTANT DE REGULER LA CIRCULATION SANGUINE**
[72] KALMANN, MENNO, NL
[72] HINCHLIFFE, PETER W. J., US
[72] LEHMAN, ADAM L., US
[73] DEEP VEIN MEDICAL, INC., US
[85] 2010-06-30
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[51] **Int.Cl. H04L 9/32 (2006.01)**
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[54] **SIGNATURE METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE SIGNATURE**
[72] BLOT-LEFEVRE, ERIC, FR
[73] TRUSTSEED SAS, FR
[85] 2010-07-07
[86] 2009-01-05 (PCT/EP2009/050037)
[87] (WO2009/087128)
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[25] EN
[54] **ANATOMICAL RECOGNITION AND DIMENSIONAL ANALYSIS TO ASSIST BREAST SURGERY**
[54] **RECONNAISSANCE ANATOMIQUE ET ANALYSE DIMENSIONNELLE FACILITANT LA CHIRURGIE DU SEIN**
[72] MORDAUNT, DAVID H., US
[72] MAXWELL, PATRICK G., US
[72] LIOLIOS, THOMAS J., US
[73] ALLERGAN, INC., US
[85] 2010-07-08
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[30] US (61/010,591) 2008-01-09

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[51] **Int.Cl. G06F 19/00 (2018.01) G01N 33/48 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **METHOD, COMPUTER PROGRAM PRODUCT AND SYSTEM FOR ENABLING CLINICAL DECISION SUPPORT**
[54] **METHODE, PROGICIEL ET SYSTEME CONCUS POUR PERMETTRE UNE AIDE A LA DECISION CLINIQUE**
[72] ONELL, ANNICA, SE
[72] WALL, KERSTIN, SE
[72] FORSGREN, PETER, SE
[72] KOBER, ANITA, SE
[73] PHADIA AB, SE
[85] 2010-07-30
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[30] SE (0800289-1) 2008-02-08
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[51] **Int.Cl. G06Q 30/08 (2012.01)**
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[54] **SYSTEMS AND METHODS FOR AUCTIONING WIRELESS DEVICE ASSETS AND PROVIDING WIRELESS DEVICES WITH AN ASSET ALLOCATION OPTION**
[54] **SYSTEMES ET PROCEDES POUR VENDRE DES COMPOSANTS DE DISPOSITIF SANS FIL ET FOURNIR DES DISPOSITIFS SANS FIL AVEC UNE OPTION D'ATTRIBUTION DE COMPOSANT**
[72] JAIN, NIKHIL, US
[72] JACOBS, PAUL E., US
[73] QUALCOMM INCORPORATED, US
[85] 2010-07-30
[86] 2009-01-14 (PCT/US2009/030912)
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[30] US (12/024,875) 2008-02-01

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[51] **Int.Cl. E21B 43/22 (2006.01)**
[25] EN
[54] **A DEVICE FOR TREATING A BOTTOM-HOLE FORMATION ZONE OF A WELLBORE**
[54] **DISPOSITIF SERVANT A TRAITER UNE ZONE DE FORMATION DE FOND DE PUITS D'UN PUITS DE FORAGE**
[72] ZAJTUNOVICH, GAREEV FANIS, RU
[72] ANDREEVICH, MARSOV ALEKSANDR, RU
[72] FATYKOVICH, SADYKOV IL'GIZ, RU
[72] MARDANOVICH, MINNULLIN RASHIT, RU
[73] LAMROCK CANADA INCORPORATED, CA
[86] (2716975)
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[22] 2010-09-17

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[25] EN
[54] **REMOVABLE PRINT ELEMENT ASSEMBLY FOR A HAND PRINTER**
[54] **ELEMENT D'IMPRESSION AMOVIBLE POUR UNE IMPRIMANTE A MAIN**
[72] SCHRAM, BOB, CA
[72] FINK, CAMERON, CA
[73] STERLING MARKING PRODUCTS INC., CA
[86] (2717256)
[87] (2717256)
[22] 2010-10-05
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[13] C
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[54] **METHYLPHENIDATE EXTENDED RELEASE THERAPEUTIC DRUG DELIVERY SYSTEM**
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[54] **AMELIORATION D'UNE REPONSE IMMUNITAIRE PAR L'ADMINISTRATION D'UN COMPLEXE ADN-LIPIDE CATIONIQUE (CLDC)**
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[72] OSTERHOUT, ROBIN E., US
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[54] **PROCEDES POUR PRODUIRE DES MICROFOLLICULES CAPILLAIRES ET DES PAPILLES DE NOVO ET LEUR UTILISATION POUR DES ESSAIS IN VITRO ET DES IMPLANTATIONS IN VIVO**
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[54] **PANELS INCLUDING RENEWABLE COMPONENTS AND METHODS FOR MANUFACTURING**
[54] **PANNEAUX COMPRENANT DES COMPOSANTS RENOUVELABLES ET PROCEDES DE FABRICATION**
[72] CAO, BANGLI, US
[72] LAU, TE HUA, US
[72] SONG, W. DAVID, US
[72] BROWN, MARTIN W., US
[72] MALONE, CURT, US
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[54] **SYSTEME ORIENTABLE A MECANISME DE VERROUILLAGE**
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[72] MONROE, MARK, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **OPERATING ASSISTANCE SYSTEM FOR A ROAD NETWORK WITH QUALITY OF SERVICE**
[54] **SYSTEME D'ASSISTANCE D'EXPLOITATION POUR UN RESEAU ROUTIER A QUALITE DE SERVICE**
[72] PINTADO, MIGUEL, FR
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[54] **METHOD OF MOIST CREPING ABSORBENT PAPER BASE SHEET**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE A BASE DE PAPIER CRETE ABSORBANT L'HUMIDITE**
[72] YEH, KANG CHANG, US
[72] PETERS, CHRISTOPHER J., US
[72] HUNTER, MARK S., US
[72] GEDDES, DANIEL J., US
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[72] COCKS, BENJAMIN, AU
[72] TESTER, ANGUS, AU
[72] HOBMAN, PETER, AU
[72] BROWN, ANDREW, AU
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[54] **A TRANSDERMAL DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT PAR VOIE TRANSDERMIQUE**
[72] EASTERBROOK, TIMOTHY J. (DECEASED), GB
[72] GOSDEN, EDWARD, GB
[72] MEYER, ELISABETH, DE
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[54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE UN FACTEUR DE CROISSANCE FIBROBLASTIQUE BASIQUE**
[72] KIM, KYUNG JIN, US
[72] WANG, LIHONG, US
[72] PARK, HANGIL, US
[72] VASQUEZ, MAXIMILIANO, US
[73] GALAXY BIOTECH, LLC, US
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[54] **INTERCONNEXION LIEE DE RESEAUX LOCAUX**
[72] COOKE, STEPHEN PETER, CA
[73] GENESIS TECHNICAL SYSTEMS CORP., CA
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[54] **CAPTEUR DE POSITION MULTI-TOUR SANS CONTACT HAUTE RESOLUTION**
[72] BOGOS, EUGEN, US
[72] WEHLMAN, PERRY, US
[72] NGUYEN, THANH VINH, US
[73] BOURNS, INC., US
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[54] **STRUCTURE DE SUPPORT DESTINEE A ETRE UTILISEE DANS L'INDUSTRIE DES PARCS EOLIENS MARITIMES**
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[72] RAMSLIE, SIGURD, NO
[73] SEATOWER AS, NO
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[54] **DISPOSITIF PERMETTANT DE REDUIRE LA PROBABILITE DE DOMMAGES A UN CABLE DE TRAINAGE**
[72] THOMAS, TERRY M., US
[72] ANDERSON, DOUGLAS F., US
[72] SUTTON, DARIN M., US
[72] HERDLE, DAVID K., US
[72] SMITH, PHILLIP E., ZA
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[54] **METHODE D'APPLICATION D'AGENTS DE DEPOUSSIERAGE A DES PRODUITTS FIBREUX ET PRODUITS CONNEXES**
[72] GRANGER, MARK ALLAN, US
[73] JOHNS MANVILLE, US
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[54] **DETECTION DE CD31 DETACHEES, DIAGNOSTIC DE L'ATHEROTHROMBOSE ET DE MALADIES AUTO-IMMUNES, ET PROCEDE D'ANALYSE DE VOIES DE SIGNALISATION**
[72] CALIGIURI, GIUSEPPINA, FR
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[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **ANTICORPS ANTI-LINGO, LI113, LI62 VARIANT CO2**
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[54] **IMMUNODOSAGE PERMETTANT LA DETECTION D'UN ACIDE AMINE NEUROTOXIQUE ASSOCIE A DES TROUBLES NEUROLOGIQUES**
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[72] METCALF, JAMES S., GB
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[73] MARVAO MEDICAL LTD, IE
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[54] **PROCEDE POUR CARACTERISER UN PANACHE DE CO2 DANS UN AQUIFERE DE STOCKAGE GEOLOGIQUE**
[72] SALLEE, NOALWENN, FR
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[73] IFP ENERGIES NOUVELLES, FR
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[72] GAUCHER, FRANCOIS, CA
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[72] BOIES, DAVID, CA
[72] JULIEN, PATRICK, CA
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[54] **SYSTEME D'INSTALLATION SURE DE LA COURROIE D'UN DISPOSITIF DE SUIVI DES DETENUS**
[72] ROPER, CLARK L., US
[72] CUMMINS, LAURIE H., US
[72] VOLPI, JOHN P., US
[72] HASTINGS, JOHN L. III, US
[73] SECUREALERT, INC., US
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[54] **UNE BASE POLYMERE SUR LAQUELLE SE TROUVE COLLE UN ADHESIF A FAIBLE POUVOIR ADHESIF**
[72] KINIGAKIS, PANAGIOTIS, US
[72] HALKA, JOHN, US
[72] POKUSA, KENNETH C., US
[72] ZERFAS, PAUL ANTHONY, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
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[54] **DISPOSITIF, APPAREIL ET PROCESSUS SERVANT A EMBALLER UN ARTICLE DANS UNE ENVELOPPE DE MATERIAU EN FEUILLE**
[72] SOBRERO, GIOVANNI, IT
[72] SAPPA, ENRICO, IT
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[54] **PRODUIT NON-TISSE CONTENANT DES PARTICULES ORGANIQUES ET/OU MINERALES ET SON PROCEDE DE FABRICATION**
[72] ROSE, FREDERIC, FR
[72] RIBOULET, GEORGES, FR
[72] MIGLIAVACCA, MASSIMO, IT
[72] LOSSER, JEAN-MARC, FR
[72] GROTEN, ROBERT, FR
[73] FREUDENBERG POLITEX SA, FR
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[25] EN
[54] **LUG NUT LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE D'ECROUS DE ROUE**
[72] PRINCE, LENNY, CA
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[54] **PARTICULES OPACIFIANTES ET COMPOSITIONS OBTENUES A PARTIR DE CELLES-CI**
[72] BROWN, WARD THOMAS, US
[73] ROHM AND HAAS COMPANY, US
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[54] **EXTENSION DE PRECURSEURS HEMATOPOIETIQUES**
[72] ITESCU, SILVIU, AU
[72] SCHUSTER, MICHAEL DAVID, US
[73] MESOBLAST, INC., US
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[25] FR
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[54] **PROCEDE DE GESTION DE LA CIRCULATION DE VEHICULES SUR UN RESEAU FERROVIAIRE ET SYSTEME ASSOCIE**
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[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[25] EN
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[54] **PROCEDE ET APPAREIL POUR PLACER UNE BANDE DE MATERIAU FIBREUX DANS UN ENROULEUR**
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[54] **PROCEDES POUR PREPARER DES OXAZOLIDINONES ET COMPOSITIONS CONTENANT CELLES-CI**
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[54] **MODULATEURS DE RECEPTEUR NMDA ET LEURS UTILISATIONS**
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[54] **MATERIAU D'EMBALLAGE DOTE D'UN ELEMENT COLORE ET METHODE DE PRODUCTION DUDIT MATERIAU**
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[54] **FORMULATION PHARMACEUTIQUE OU ALIMENTAIRE A LIBERATION CONTROLEE ET SON PROCEDE DE PREPARATION**
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[72] MARCHITTO, LEONARDO, IT
[72] CIOTTOLI, GIOVANNI BATTISTA, IT
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[54] **SYSTEMES ET PROCEDES DE MONTAGE DES CAPTEURS DE CONTRAINTES DE TRAINS D'ATTERRISSAGE**
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[72] GUO, SHUWEN, US
[72] LIN, CHUANG-CHIA, US
[72] STANG, LAWRENCE JOSEPH, US
[73] GOODRICH CORPORATION, US
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[54] **PROCEDE DE PURIFICATION D'ACIDES NUCLEIQUES EN PARTICULIER SUR UN TISSU FIXE**
[72] EUTING, HEIKE, DE
[72] HENNIG, GUIDO, DE
[72] IZMAILOV, ALEXANDRE, CA
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[54] **SURFACE TREATMENT AGENT FOR GALVANIZED STEEL SHEET, GALVANIZED STEEL SHEET AND PRODUCTION METHOD THEREOF**
[54] **AGENT DE TRAITEMENT DE SURFACE DE TOLE GALVANISEE, TOLE GALVANISEE ET METHODE DE PRODUCTION ASSOCIEE**
[72] WAN, FRANK, CN
[72] ZHANG, JIMMY, CN
[72] MEAGHER, KEVIN, DE
[73] HENKEL AG & CO. KGAA, DE
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[54] **MATERIAUX COMPOSITES AMELIORES**
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[72] HADLEY, PHILIP, GB
[73] HEXCEL COMPOSITES LTD., GB
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[54] **A DRAINAGE DEVICE COMPRISING AN ACTIVE FILTER**
[54] **DISPOSITIF DE DRAINAGE COMPRENANT UN FILTRE ACTIF**
[72] FORSELL, PETER, CH
[73] IMPLANTICA PATENT LTD., MT
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[54] **FORMULATION METHOD FOR PLURAL COMPONENT LATEX FOAM**
[54] **METHODE D'ELABORATION DE MOUSSE DE LATEX A PLUSIEURS COMPOSANTS**
[72] OLANG, FATEMEH, US
[72] O'LEARY, ROBERT, US
[72] KORWIN-EDSON, MICHELLE, US
[72] QUINN, ROBERT E., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **BOBINE DE FIL POUR PERMETTRE A UN FIL DE TRAVERSER UN COUPLAGE ROTATIONNEL**
[72] ROSS, ADAM J., US
[72] ZEMLOK, MICHAEL A., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **SLOT DIE COATING PROCESS**
[54] **PROCEDE D'APPLICATION D'UN REVETEMENT AVEC UNE FILIERE EN FORME DE FENTE**
[72] ARFSTEN, NANNING JOERG, DE
[72] BUSKENS, PASCAL JOZEF PAUL, NL
[72] ROOIJMANS, MARNIX, NL
[73] DSM IP ASSETS B.V., NL
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[54] **ANTICORPS ANTI-SIGLEC-15**
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[72] TSUDA, EISUKE, JP
[72] TAKIZAWA, TAKESHI, JP
[72] NAKAYAMA, MAKIKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[25] EN
[54] **BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND RADIO COMMUNICATION METHOD**
[54] **APPAREIL DE STATION DE BASE, APPAREIL DE STATION MOBILE ET METHODE DE COMMUNICATION RADIO**
[72] SUZUKI, SHOICHI, JP
[72] AKIMOTO, YOSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **OPTIMIZED EARLY-LATE PROMOTER COMBINED WITH REPEATED VACCINATION FAVORS CYTOTOXIC T CELL RESPONSE AGAINST ANTIGENS IN REPLICATION DEFICIENT RECOMBINANT VIRUS VACCINES**
[54] **PROMOTEUR PRECOCE-TARDIF OPTIMISE COMBINE AVEC UNE VACCINATION REPETEE FAVORISANT LA REPONSE DES LYMPHOCYTES T CYTOTOXIQUES ENVERS DES ANTIGENES DANS DES VACCINS CONTRE UN VIRUS RECOMBINANT A REPLICATION DEFICIENTE**
[72] BRINKMANN, KAY, DE
[72] BAUR, KAREN, DE
[72] HAUSMANN, JUERGEN, DE
[73] BAVARIAN NORDIC A/S, DK
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[54] **RADIOGRAPHIC PROJECTOR**
[54] **PROJECTEUR DR RADIOGRAPHIE**
[72] COLE, CHRISTOPHER JOHN, GB
[73] SPEC INTELLECTUAL PROPERTY, LLC, US
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[54] **CAVITATION INDUITE PAR HIFU, AVEC SEUIL DE PUISSANCE REDUIT**
[72] VAN DOORN, ARIE R., NL
[72] DE JONG, MICHIEL, NL
[73] BIOCARTIS NV, BE
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[54] **TUYAU POUR HAUTES TEMPERATURES RENFORCE PAR FIBRES**
[72] CONLEY, JEFFREY, CA
[72] JACKSON, PETER, CA
[72] WELLER, BLAINE, CA
[73] SHAWCOR LTD. SHAWCOR LTEE, CA
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[54] **PROCEDE D'ENSEMBLE SOUPLE**
[72] MCNALLY, JOHN T., US
[73] MAGNA INTERNATIONAL INC., CA
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[54] **PROCEDE DE FABRICATION D'UN CHARGEUR POUR ANALYSES**
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[72] KRAEMER, UWE, DE
[72] LEICHNER, WILHELM, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **REACHING DEVICE**
[54] **DISPOSITIF D'EXTENSION**
[72] DION, MARTIN, CA
[72] MUIR, ROD, CA
[72] SIROIS, MIKE, CA
[72] STREETS, PHIL, CA
[72] POTVIN-BERNAL, JULIAN, CA
[72] LOWE, ANDREW, CA
[72] WELLS, PETER, CA
[72] JANVEAU, CATHY, CA
[72] MACGILLIVRAY, TODD, CA
[72] HORNER, ARLAND, CA
[72] BEDARD, YVES, CA
[72] EADY, CHRISTOPHER, CA
[73] CANADA POST CORPORATION, CA
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[54] **METHOD OF DETECTING AND QUANTIFYING ANALYTES OF INTEREST IN A LIQUID AND IMPLEMENTATION DEVICE**
[54] **PROCEDE DE DETECTION ET DE QUANTIFICATION D'ANALYTES D'INTERET DANS UN LIQUIDE ET DISPOSITIF DE MISE EN OEUVRE**
[72] PEYRADE, JEAN-PIERRE, FR
[72] PEYRADE, DAVID, FR
[72] VIEU, CHRISTOPHE, FR
[72] MALAQUIN, LAURENT, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **DISPOSITIF DE FIXATION**
[72] FOSER, THOMAS, LI
[72] SCHWERTNER, WOLFRAM, CH
[72] DOMANI, GUENTHER, AT
[73] HILTI AKTIENGESELLSCHAFT, LI
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[54] **INSTALLATION FLOTTANTE, ANCREE, POUR LA PRODUCTION D'ENERGIE**
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[73] PELAGIC POWER AS, NO
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[54] **COMPOSITIONS AND METHODS FOR SERVICING SUBTERRANEAN WELLS**
[54] **COMPOSITIONS ET PROCEDES POUR L'ENTRETIEN DE PUITS SOUTERRAIN**
[72] JAMES, SIMON, FR
[72] MICHAUX, MICHEL, FR
[72] CARELLI, CLARA, FR
[72] LE ROY-DELAGE, SYLVAINE, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **EPOXIDATION REACTIONS AND OPERATING CONDITIONS THEREOF**
[54] **REACTIONS D'EPOXYDATION ET LEURS CONDITIONS D'EXPLOITATION**
[72] HABENSCHUSS, MICHAEL, US
[72] SOO, HWAILI, US
[72] HINMAN, PAUL, US
[72] LIU, ALBERT, US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
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[72] FERRARI, EUGENIO, US
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[72] VAN KIMMENADE, ANITA, US
[73] DANISCO US INC., US
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[54] **GEOMETRIES DE CANAL DE COULEE POUR UN SYSTEME DE MOULAGE PAR INJECTION**
[72] KAUSHAL, HITESH, CA
[72] GODWIN, HAROLD, CA
[73] MOLD-MASTERS (2007) LIMITED, CA
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[54] **1,2,4-TRIAZOLO[4,3-A]PYRIDINE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR2 RECEPTORS**
[54] **DERIVES DE LA 1,2,4-TRIAZOLO [4,3-A] PYRIDINE ET LEUR UTILISATION EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS MGLUR2**
[72] CID-NUNEZ, JOSE MARIA, ES
[72] DE LUCAS OLIVARES, ANA ISABEL, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] MACDONALD, GREGOR JAMES, BE
[73] JANSSEN PHARMACEUTICALS, INC., US
[73] ADDEX PHARMA S.A., CH
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[54] **1,2,4-TRIAZOLO [4,3-A] PYRIDINE DERIVATIVES AND THEIR USE FOR THE TREATMENT OR PREVENTION OF NEUROLOGICAL AND PSYCHIATRIC DISORDERS**
[54] **DERIVES DE 1,2,3-TRIAZOLO[4,3-A]PYRIDINE ET LEUR UTILISATION POUR LE TRAITEMENT OU LA PREVENTION DE TROUBLES NEUROLOGIQUES ET PSYCHIATRIQUES**
[72] CID-NUNEZ, JOSE MARIA, ES
[72] OEHLRICH, DANIEL, BE
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] TRESADERN, GARY JOHN, ES
[72] VEGA RAMIRO, JUAN ANTONIO, ES
[72] MACDONALD, GREGOR JAMES, BE
[73] ADDEX PHARMA S.A., CH
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[54] **MICRODOSAGE RAPIDE MESURANT LA STERILITE**
[72] GRAY, JENNIFER CLAIRE, CH
[72] STAERK, ALEXANDRA, CH
[72] BERCHTOLD, MANFRED, DE
[73] NOVARTIS AG, CH
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[25] EN
[54] **CUTTING ELEMENTS, METHODS FOR MANUFACTURING SUCH CUTTING ELEMENTS, AND TOOLS INCORPORATING SUCH CUTTING ELEMENTS**
[54] **ELEMENTS DE COUPE, PROCEDES DE FABRICATION DE TELS ELEMENTS DE COUPE ET OUTILS INCORPORANT DE TELS ELEMENTS DE COUPE**
[72] BELNAP, J. DANIEL, US
[72] VORONIN, GEORGIY, US
[72] YU, FENG, US
[72] CARIVEAU, PETER T., US
[72] ZHANG, YOUHE, US
[72] SHEN, YUELIN, US
[72] ZHAN, GUODONG, US
[73] SMITH INTERNATIONAL, INC., US
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[86] 2010-05-20 (PCT/US2010/035686)
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[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER**
[72] CARON, JOAN M., US
[73] CARON, JOAN M., US
[85] 2011-11-21
[86] 2010-06-07 (PCT/US2010/037662)
[87] (WO2010/141956)
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[54] **CATALYSEURS DE REFORMAGE A LA VAPEUR DE METHANOL**
[72] ZHANG, QINGLIN, US
[72] FAARAUTO, ROBERT J., US
[72] CASTELLANO, CHRISTOPHER R., US
[73] BASF CORPORATION, US
[85] 2011-11-22
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[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING POWER HEADROOM INFORMATION FOR AGGREGATED CARRIERS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSMETTRE DES INFORMATIONS DE MARGE DE PUISSANCE POUR DES PORTEUSES AGGLOMEREES**
[72] HEO, YOUN HYOUNG, CA
[72] CAI, ZHIJUN, US
[72] EARNSHAW, ANDREW MARK, CA
[72] MCBEATH, SEAN, US
[72] FONG, MO-HAN, CA
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[54] **ANALYSE MULTIPLEXE DE PROTEINE TRANSGENIQUE EMPILEE**
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[73] DOW AGROSCIENCES LLC, US
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[54] **CAPTEUR OPTOELECTROCHIMIQUE INTEGRE POUR LA DETECTION DES OXYDES D'AZOTE DANS DES ECHANTILLONS GAZEUX**
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[54] **ANTICORPS P35-HER2 ET LEURS UTILISATIONS**
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[72] WINSLOW, JOHN WILLIAM, US
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[54] **DISPOSITIF DE DETECTION DE LA LONGUEUR D'UN TRAIN DE TIGES DE FORAGE**
[72] SCHEIBELMASSER, ANTON, AT
[72] LINDNER, WERNER, AT
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[54] **ENSEMBLE DE MALLES DE TRANSPORT EMPILABLES**
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[54] **PROCEDES DE DIALYSE UTILISANT L'ANTICOAGULATION REGIONALE AU CITRATE**
[72] KOTANKO, PETER, US
[72] THIJSSEN, STEPHAN, US
[72] LEVIN, NATHAN W., US
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[73] LIQUIDSTRIP LIMITED, NZ
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[54] **PROCEDE DE PRODUCTION DE THIOESTER PEPTIDIQUE**
[72] KAJIHARA, YASUHIRO, JP
[72] OKAMOTO, RYO, JP
[72] SAKAMOTO, IZUMI, JP
[72] ISHII, KAZUYUKI, JP
[73] GLYTECH, INC., JP
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[25] FR
[54] **METHOD FOR MANUFACTURING A LAMINATED GLAZING ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE VITRAGE FEUILLETE**
[72] NUGUE, JEAN-CLEMENT, FR
[72] LEVASSEUR, FABIEN, FR
[72] DECOURCELLE, ROMAIN, FR
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[54] **PLATEAUX DE DISTRIBUTION D'USTENSILES**
[72] REINSEL, CHRISTOPHER M., US
[72] PERKINS, JAY F., US
[72] FLOAT, JAMISON J., US
[72] KROUSE, ERIC M., US
[72] KOPCZEWSKI, MICHAEL T., US
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[54] **PROCEDE ET SYSTEME DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SUSITAIVAL, RIIKKA, FI
[72] WAGER, STEFAN, FI
[72] OESTERGAARD, JESSICA, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **COMPOSITIONS DE SUPPORT MATRICIEL, PROCEDES ET UTILISATIONS**
[72] VOL, ALEXANDER, IL
[72] GRIBOVA, ORNA, IL
[73] OSHADI DRUG ADMINISTRATION LTD., IL
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[54] **ISOFORMES MUTEES DE LA PROTEINE SUMO ET LEURS UTILISATIONS**
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[72] CHELBI-ALIX, MOUNIRA, FR
[72] MELOCHE, SYLVAIN, CA
[72] BONNEIL, ERIC, CA
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[54] **ELEMENT DE SUPPORT DE PLANCHER DE CELLULE A GRAIN**
[72] FRIESEN, JOHNNY R., CA
[72] GIESBRECHT, PEDRO, CA
[72] FRIESEN, PETER W., CA
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[54] **AUTOMATED AIRCRAFT FLIGHT DATA DELIVERY AND MANAGEMENT SYSTEM WITH DEMAND MODE**
[54] **SYSTEME DE DELIVRANCE ET DE GESTION DE DONNEES DE VOL D'AERONEF AUTOMATIQUE AVEC MODE DEMANDE**
[72] BRADLEY, MATTHEWS, CA
[72] HAYDEN, RICHARD, CA
[72] JACOBS, KENT, CA
[72] MACKINNON, ALANA, CA
[72] SUMER, MURAT, CA
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[72] JOENSSON, ANDREAS, SE
[72] ZETTERLIND, PETER, SE
[73] HUSQVARNA AB, SE
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[54] **COMPOSITION ANTIFONGIQUE TOPIQUE**
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[73] ONIKOLABS LLC, US
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[54] **POLYMERES CATIONIQUES RETICULES DANS DES DISPERSIONS POLYMERES EAU DANS EAU**
[72] BROECHER, MARKUS, DE
[72] KANTO OQVIST, CHARLOTTA, DE
[72] SIEVERLING, NATHALIE, DE
[72] BOEKELO, CHRISTIAN, DE
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[54] **SYSTEME DE FIXATION**
[72] WIEDNER, CHRISTOPH, AT
[72] MUELLER, MANUEL, CH
[73] HILTI AKTIENGESELLSCHAFT, LI
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[54] **METHOD FOR PRESENCE INFORMATION SUBSCRIPTION IN A GROUP COMMUNICATIONS SYSTEM**
[54] **PROCEDE PERMETTANT UNE INSCRIPTION A DES INFORMATIONS DE PRESENCE DANS UN SYSTEME DE COMMUNICATION DE GROUPE**
[72] AGULNIK, ANATOLY, US
[72] BEKIARES, TYRONE D., US
[72] DROZT, PETER M., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **ULTRASONIC SURGICAL APPARATUS AND SILICON WAVEGUIDE AND METHODS FOR USE THEREOF**
[54] **APPAREIL CHIRURGICAL ULTRASONORE, GUIDE D'ONDE AU SILICIUM ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] DIETZ, TIMOTHY G., US
[72] DANNAHER, WILLIAM D., US
[72] HOUSER, KEVIN L., US
[72] OLSON. WILLIAM A., US
[72] RHEE, SORA, US
[72] STULEN, FOSTER B., US
[72] WILLIS, JOHN W., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **SUSPENSIONS DE METRIBUZINE TRES CONCENTREES SANS SILICATE D'ALUMINIUM**
[72] SIXL, FRANK, DE
[72] BICKERS, UDO, DE
[72] KOPPERT, HARRY, DE
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[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **ENSEMBLE DE DECOUPAGE A L'EMPORTE-PIECE A PROFILES MULTIPLES**
[72] FRITZ, JEFFREY W., US
[72] ANDREWS, ROBERT E., US
[73] CURT G. JOA, INC., US
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[54] **DETECTION D'OBJET A FAIBLE CONSOMMATION D'ENERGIE AVEC INTERROGATION SELECTIVE**
[72] BURKET, WILLIAM DONN, US
[72] KAPOOR, SHOBANA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **SYSTEME D'ACCES CHIRURGICAL MULTIFONCTIONNEL**
[72] ALBRECHT, JEREMY J., US
[72] NGUYEN, ERIC, US
[72] BECERRA, MATTHEW M., US
[72] JOHNSON, GARY M., US
[72] BRUSTAD, JOHN R., US
[72] SAKAKINE, GHASSAN, US
[73] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **DETECTION D'EVENEMENT AAD-1 DAS-40278-9 DANS LE MAIS**
[72] CUI, YUNXING CORY, US
[72] GREENE, THOMAS WILLIAM, US
[72] NOVAK, STEPHEN, US
[72] ZHOU, NING, US
[73] DOW AGROSCIENCES LLC, US
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[54] **TRICYCLIC HETEROCYCLIC COMPOUNDS AS PHOSPHOINOSITIDE 3-KINASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES TRICYCLIQUES EN TANT QU'INHIBITEURS DE PHOSPHOINOSITIDE 3-KINASE**
[72] SHUTTLEWORTH, STEPHEN JOSEPH, GB
[72] CECIL, ALEXANDER RICHARD LIAM, GB
[72] HILL, THOMAS JAMES, GB
[72] SILVA, FRANCK ALEXANDRE, GB
[73] KARUS THERAPEUTICS LIMITED, GB
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[25] EN
[54] **ANTIBODIES TO INTERLEUKIN-1 RECEPTOR ACCESSORY PROTEIN (ILRAP) FOR THE TREATMENT AND DIAGNOSIS OF LEUKEMIA**
[54] **ANTICORPS DE LA PROTEINE ACCESSOIRE DU RECEPTEUR D'INTERLEUKINE 1 DESTINES AU TRAITEMENT ET AU DIAGNOSTIC DE LA LEUCEMIE**
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[72] JAERAS, MARCUS, SE
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[54] **DISPOSITIF DE SERTISSAGE ET SON PROCEDE D'UTILISATION**
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[72] WESTON, MATTHEW W., US
[73] MEDTRONIC 3F THERAPEUTICS, INC., US
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[54] **INTERFEROMETRE INDIRECT**
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[72] YOURASSOWSKY, CATHERINE, BE
[73] UNIVERSITE LIBRE DE BRUXELLES, BE
[85] 2012-02-29
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[54] **EAVESDROPPING DEVICE**
[54] **DISPOSITIF D'AUSCULTATION**
[72] HUEBINETTE, ULRIK, SE
[72] SAMUELSSON, MAGNUS, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
[85] 2012-03-02
[86] 2010-09-16 (PCT/EP2010/063586)
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[54] **SYSTEM AND METHOD TO PROVIDE GIFT MEDIA**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'ARTICLES MULTIMEDIA EN CADEAU**
[72] CHAI, CRX K., US
[72] FISHMAN, ALEX, US
[73] OPENTV, INC., US
[85] 2012-03-02
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[54] **SLIDING EASY ENTRY RELEASE MECHANISM WITH REST IN FULL REAR POSITION**
[54] **MECANISME DE LIBERATION COULISSANT POUR UNE ENTREE AISEE AVEC POSITION ARRIERE DE REPOS**
[72] GRAY, DONALD W., US
[72] CARROLL, JEFFREY P., US
[72] SAHI, ASHOK K., US
[73] MAGNA SEATING INC., CA
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[54] **TREPAN POUR FORAGE DU SOL**
[72] JONES, MARK L., US
[72] CURRY, KENNETH M., US
[72] ROSS, JEFFERY T., US
[73] EPIROC DRILLING TOOLS LLC, US
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[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, MOBILE STATION APPARATUS, BASE STATION APPARATUS, COMMUNICATION CONTROL METHOD AND INTEGRATED CIRCUIT**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION MOBILE, APPAREIL DE STATION DE BASE, PROCEDE DE COMMANDE DE COMMUNICATION ET PROGRAMME DE COMMANDE**
[72] NAKASHIMA, DAIICHIRO, JP
[72] YAMADA, SHOHEI, JP
[72] SUZUKI, SHOICHI, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **SHOWER STRETCHER**
[54] **CIVIERE DE DOUCHE**
[72] AKESSON, BODIL, SE
[72] HARALDSSON, KAJSA, SE
[72] THOMASSON, ANDREAS, SE
[72] EDBERG, MATS, SE
[72] NILSSON, RICHARD, SE
[73] ARJO HOSPITAL EQUIPMENT AB, SE
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[54] **IMPLANT DEVICES HAVING VARYING BIOACTIVE AGENT LOADING CONFIGURATIONS**
[54] **DISPOSITIFS D'IMPLANTS PRESENTANT DIFFERENTES CONFIGURATIONS DE CHARGE DE L'AGENT BIOACTIF**
[72] BIGGS, DANIELLE, US
[73] EVONIK CORPORATION, US
[85] 2012-03-22
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[25] EN
[54] **CORROSION RESISTANT METAL PRODUCTS**
[54] **PRODUITS METALLIQUES RESISTANT A LA CORROSION**
[72] CACACE, ANTONINO GIORGIO, GB
[73] CLADINOX INTERNATIONAL LIMITED, SC
[85] 2012-03-23
[86] 2010-10-19 (PCT/GB2010/001934)
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[54] **PROCESS AND REAGENTS FOR THE INHIBITION OR REDUCTION OF SCALE FORMATION DURING PHOSPHORIC ACID PRODUCTION**
[54] **PROCEDE ET REACTIFS POUR L'INHIBITION OU LA REDUCTION DE LA FORMATION DE TARTRE LORS DE LA PRODUCTION D'ACIDE PHOSPHORIQUE**
[72] RAVISHANKAR, SATHANJHERI, US
[72] WANG, BING, US
[73] CYTEC TECHNOLOGY CORP., US
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[25] EN
[54] **HIGH HARDNESS, HIGH TOUGHNESS IRON-BASE ALLOYS AND METHODS FOR MAKING SAME**
[54] **ALLIAGES A BASE DE FER DE DURETE ELEVEE ET DE TENACITE ELEVEE ET LEURS PROCEDES DE FABRICATION**
[72] BAILEY, RONALD E., US
[72] SWIATEK, GLENN J., US
[72] PARAYIL, THOMAS R., US
[73] ATI PROPERTIES LLC, US
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[25] EN
[54] **MIXED OXIDES OF TRANSITION METAL, HYDROTREATMENT CATALYSTS OBTAINED THEREFROM, AND PREPARATION PROCESS COMPRISING SOL-GEL PROCESSES**
[54] **OXYDES MIXTES DE METAL DE TRANSITION, CATALYSEURS D'HYDROTRAITEMENT OBTENUS DE CEUX-CI ET PROCEDE DE PREPARATION COMPORTANT DES PROCEDES SOL-GEL**
[72] BELLUSSI, GIUSEPPE, IT
[72] CARATI, ANGELA, IT
[72] GAGLIARDI, MARIA FEDERICA, IT
[72] ZANARDI, STEFANO, IT
[72] MARELLA, MARCELLO, IT
[72] SCATTOLIN, ROBERTO, IT
[72] TOMASELLI, MICHELE, IT
[73] ENI S.P.A., IT
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[25] EN
[54] **TUBING SET HAVING AN INSERT FOR THE INFUSION OF DRUGS**
[54] **ENSEMBLE DE TUBULURES COMPORTANT UNE PIECE RAPPORTEE SERVANT A LA PERFUSION DE MEDICAMENTS**
[72] REITER, REINHOLD, IT
[72] FINI, MASSIMO, IT
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2012-03-29
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[25] EN
[54] **ACCELERATOR AND METHOD FOR ACTUATING AN ACCELERATOR**
[54] **ACCELERATEUR ET PROCEDE D'EXCITATION D'UN ACCELERATEUR**
[72] HEID, OLIVER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-03-30
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[25] EN
[54] **PROCESS AND SYSTEM FOR REMOVING IMPURITIES FROM A GAS**
[54] **PROCEDE ET SYSTEME POUR ENLEVER DES IMPURETES D'UN GAZ**
[72] HENNINGSEN, GUNNAR, US
[72] KNOWLTON, TEDDY MERRILL, US
[72] FINDLAY, JOHN GEORGE, US
[72] SCHLATHER, JERRY NEAL, US
[72] TURK, BRIAN S., US
[73] RESEARCH TRIANGLE INSTITUTE, US
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[25] EN
[54] **UNDERFILL RECOGNITION SYSTEM FOR A BIOSENSOR**
[54] **SYSTEME DE RECONNAISSANCE DE SOUS-REMPLISSAGE POUR UN BIODETECTEUR**
[72] WU, HUAN-PING, US
[72] PERRY, JOSEPH E., US
[72] TRIPPEL, CHRISTINE, US
[72] MAURER, ERIC, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **RETROFIT MOUNTING CLIP FOR AN EXTERIOR BUILDING SURFACE**
[54] **BRIDE DE FIXATION POUR LA MISE A NIVEAU DE LA SURFACE EXTERIEUR D'UN BATIMENT**
[72] MARSHALL, JOSEPH T., CA
[73] MARSHALL, JOSEPH T., CA
[86] (2776409)
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[54] **DETERGENT COMPOSITION COMPRISING A MIXED ALKOXYLATE FATTY ALCOHOL NON-IONIC SURFACTANT**
[54] **COMPOSITION DE DETERGENT RENFERMANT UN SURFACTANT NON IONIQUE D'ALCOOL GRAS D'ALKOXYLATE MIXTE**
[72] KRUBASIK, LUCIA, DE
[72] PREUSCHEN, JUDITH, DE
[72] ROY, PAVLINKA, DE
[72] STEIN, ANDREA, DE
[73] RECKITT BENCKISER FINISH B.V., NL
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[25] EN
[54] **ANTHRAQUINONE CONTAINING DERIVATIVES AS BIOCHEMICAL AGRICULTURAL PRODUCTS**
[54] **DERIVES CONTENANT DE L'ANTHRAQUINONE, UTILISES COMME PRODUITS AGRICOLES BIOCHIMIQUES**
[72] HUANG, HUAZHANG, US
[72] CAMPBELL, BRIAN, US
[73] MARRONE BIO INNOVATIONS, INC., US
[85] 2012-04-04
[86] 2010-10-04 (PCT/US2010/051359)
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[25] EN
[54] **INTERNAL JOINT STABILIZER FOR A MULTI-AXIS JOINT, SUCH AS A CARPO-METACARPAL JOINT OR THE LIKE, AND METHOD OF USE**
[54] **STABILISATEUR INTERNE D'ARTICULATION POUR ARTICULATION MULTIAXIALE, TELLE QUE L'ARTICULATION CARPO-METACARPIENNE OU AUTRE, ET PROCEDE D'UTILISATION**
[72] ORBAY, JORGE L., US
[72] NORMAN, THOMAS H., US
[72] GARCIA DE QUEVEDO, WILLIAM, US
[72] LITKE, RONALD, US
[73] SKELETAL DYNAMICS LLC, US
[85] 2012-04-12
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[87] (WO2011/047151)
[30] US (61/251,563) 2009-10-14
[30] US (61/347,517) 2010-05-24
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[51] **Int.Cl. B29C 70/48 (2006.01) B29C 70/44 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COMPOSITE MATERIAL**
[54] **PROCEDE POUR PRODUIRE UN MATERIAU COMPOSITE**
[72] BJORNHOV, TOBIAS, SE
[72] LJUNGH, JACOB, SE
[72] OLSSON, RASMUS, SE
[73] COREBON PRODUCTION AB, SE
[85] 2012-04-20
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[30] SE (0950790-6) 2009-10-23
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[25] EN
[54] **RELOCATABLE RADIATION VAULT AND METHODS OF ASSEMBLY AND USE**
[54] **VOUTE DE RAYONNEMENT AMOVIBLE ET PROCEDES D'ASSEMBLAGE ET D'UTILISATION**
[72] LANDAU, ERIC, US
[72] OQUIST, CHERI A., US
[72] LEFKUS, JOHN J., III, US
[73] RAD TECHNOLOGY MEDICAL SYSTEMS, LLC, US
[85] 2012-04-25
[86] 2010-10-29 (PCT/US2010/054601)
[87] (WO2011/053748)
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[25] EN
[54] **COMPOSITIONS AND USES FOR TREATING DERMATOLOGICAL CONDITIONS**
[54] **COMPOSITIONS ET UTILISATIONS DESTINEES AU TRAITEMENT DE MALADIES DERMATOLOGIQUES**
[72] PAUL, HARBHAJAN S., US
[73] PAUL, HARBHAJAN S., US
[85] 2012-04-30
[86] 2010-12-13 (PCT/IB2010/003159)
[87] (WO2011/051813)

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[13] C
[51] **Int.Cl. A23D 9/007 (2006.01) C12N 1/00 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING CELLS AND A POLYUNSATURATED FATTY ACID HAVING AT LEAST 20 CARBON ATOMS (LC-PUFA)**
[54] **COMPOSITION CONTENANT DES CELLULES ET UN ACIDE GRAS POLYINSATURE COMPORTANT AU MOINS 20 ATOMES DE CARBONE (LC-PUFA)**
[72] VERKOEIJEN, DANIEL, US
[72] BIJL, HENDRIK LOUIS, NL
[72] ZUUR, KRISTIAN, NL
[73] DSM IP ASSETS B.V., NL
[85] 2012-05-01
[86] 2010-11-02 (PCT/EP2010/066598)
[87] (WO2011/054800)
[30] US (61/257,772) 2009-11-03
[30] EP (PCT/EP2009/065593) 2009-11-22
[30] EP (PCT/EP2009/065592) 2009-11-22

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[51] **Int.Cl. A61M 1/34 (2006.01)**
[25] EN
[54] **TUBING SET HAVING A GATE FOR THE CONNECTION OF VIALS**
[54] **ENSEMBLE DE TUBULURE COMPORTANT UNE PORTE POUR LA CONNEXION DE FLACONS**
[72] REITER, REINHOLD, IT
[72] FINI, MASSIMO, IT
[72] VENERONI, ALAIN, IT
[72] BARTHOLOMAEUS, JOHANNES, DE
[72] WIESEN, GERHARD, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2012-05-02
[86] 2010-10-25 (PCT/EP2010/066056)
[87] (WO2011/054693)
[30] EP (09175001.8) 2009-11-04

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[13] C
[51] **Int.Cl. A61B 5/155 (2006.01) A61B 5/151 (2006.01)**
[25] EN
[54] **TAPE MAGAZINE WITH REWIND LOCK AND INTEGRATED TAPE RELEASE**
[54] **MAGASIN DE BANDE AVEC VERROUILLAGE ANTIRETOUR ET DEBLOCAGE DE BANDE INTEGRE**
[72] KONYA, AHMET, DE
[72] LIST, HANS, DE
[72] KUHR, HANS-JUERGEN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-05-03
[86] 2010-11-23 (PCT/EP2010/067962)
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[51] **Int.Cl. H04W 76/11 (2018.01) H04W 8/08 (2009.01) H04W 36/00 (2009.01)**
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[54] **HANDOVER DELAY OPTIMIZATION**
[54] **OPTIMISATION DE RETARD DE TRANSFERT**
[72] KELLER, RALF, DE
[72] HALLENSTAL, MAGNUS, SE
[72] LINDHOLM, FREDRIK, SE
[72] OLSSON, MAGNUS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[86] 2010-11-09 (PCT/EP2010/067150)
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[51] **Int.Cl. C12P 23/00 (2006.01)**
[25] EN
[54] **MICROBIAL ENGINEERING FOR THE PRODUCTION OF CHEMICAL AND PHARMACEUTICAL PRODUCTS FROM THE ISOPRENOID PATHWAY**
[54] **GENIE MICROBIEN POUR LA PRODUCTION DE PRODUITS CHIMIQUES ET PHARMACEUTIQUES A PARTIR DE LA VOIE ISOPRENOIDE**
[72] AJIKUMAR, PARAYIL K., US
[72] STEPHANOPOULOS, GREGORY, US
[72] PHON, TOO HENG, SG
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[73] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[86] 2010-11-10 (PCT/US2010/056206)
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[30] US (61/280,877) 2009-11-10
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[25] EN
[54] **FACILITY FOR PRODUCING FIBER-REINFORCED MOLDED PARTS AND METHOD FOR OPERATING A FACILITY FOR PRODUCING FIBER-REINFORCED MOLDED PARTS**
[54] **INSTALLATION DE PRODUCTION DE PIECES MOULEES EN FEUILLE ET PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION DE PRODUCTION DE PIECES MOULEES EN FEUILLE**
[72] GRAF, MATTHIAS, DE
[73] DIEFFENBACHER GMBH MASCHINEN- UND ANLAGENBAU, DE
[85] 2012-05-11
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[30] DE (10 2009 046 670.3) 2009-11-12

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[54] **METHANISATION DE LA BIOMASSE AMELIOREE PAR SORPTION**
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[72] BABICKI, MATTHEW L., CA
[72] SELLARS, BRIAN G., CA
[72] NG, EDSON, CA
[73] G4 INSIGHTS INC., CA
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[54] **NOEUD, CHASSIS-SUPPORT, SYSTEME ET PROCEDE ASSOCIES**
[72] WERNER, CRAIG ROY, US
[72] FUNAI, JOHN, US
[73] WERNER EXTRUSION SOLUTIONS LLC, US
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[72] GAMBOGI, ROBERT J., US
[73] MCNEIL-PPC, INC., US
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[72] CHAU, VI, US
[72] SHAH, PRAFUL, US
[72] SHMUNIS, VLADIMIR, US
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[54] **RENFORT DE PORTIERE DE VEHICULE**
[72] RAKEI, FRANK, DE
[73] MAGNA AUTOMOTIVE SERVICES GMBH, DE
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[54] **SYSTEM AND METHOD FOR PURIFYING A FIRST LIQUID CONTENT AND SIMULTANEOUSLY HEATING A SECOND LIQUID CONTENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PURIFIER UN PREMIER CONTENU LIQUIDE ET, EN MEME TEMPS, DE CHAUFFER UN SECOND CONTENU LIQUIDE**
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[73] INNOVEL 2000 INC., CA
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[54] **SOLUTION ABSORBANTE CONTENANT UN INHIBITEUR DE DEGRADATION DERIVE DE LA PYRIMIDINE OU DE LA TRIAZINE ET PROCEDE D'ABSORPTION DE COMPOSES ACIDES CONTENUS DANS UN EFFLUENT GAZEUX**
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[72] CARRETTE, PIERRE-LOUIS, FR
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[54] **BANDAGE POUR VEHICULE DONT LA BANDE DE ROULEMENT COMPORTE UNE COMPOSITION DE CAOUTCHOUC THERMO-EXPANSIBLE**
[72] MAESAKA, MASAYUKI, JP
[72] PAGANO, SALVATORE, JP
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **SYSTEME DE BALAYAGE DU CHAMP D'AUTO-POTENTIEL DE LA TERRE**
[72] BANDI, VIJAYAGOPAL, IN
[72] NANDURI, PURUSHOTHAM RAJENDRA PRASAD, IN
[72] DEVANATHA, MURALIDHARAN, IN
[72] UPPALA, SATHYANARAYANA, IN
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[54] **NUTRITIONAL FORMULATION COMPRISING A COW'S MILK PEPTIDE-CONTAINING HYDROLYSATE AND/OR PEPTIDES DERIVED THEREOF FOR TOLERANCE INDUCTION**
[54] **FORMULE NUTRITIONNELLE COMPRENANT UN HYDROLYSAT CONTENANT UN PEPTIDE DE LAIT DE VACHE ET/OU DES PEPTIDES DECOULANT DE CELUI-CI POUR L'INDUCTION A LA TOLERANCE**
[72] VALENTA, RUDOLPH, AT
[72] VAN TOL, ERIC, NL
[72] HERZ, UDO, DE
[72] HOCHWALLNER, HEIDRUN, AT
[72] FOCKE-TEJKL, MARGARETE, AT
[72] SWOBODA, INES, AT
[72] SCHULMEISTER, ULRIKE, AT
[73] MJN U.S. HOLDINGS LLC, US
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[54] **SYSTEME ET PROCEDES DE VALIDATION D'ATTRIBUTS D'IDENTITE**
[72] BOYSEN, ANDRE MICHEL, CA
[72] WOLFOND, GREGORY, CA
[72] ROBERGE, PIERRE ANTOINE, CA
[72] ENGEL, PATRICK HANS, CA
[72] RONDA, TROY JACOB, CA
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[72] KEILEN, GUNNAR, NO
[72] HAUGAN, JARLE ANDRE, NO
[73] GE HEALTHCARE LIMITED, GB
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[54] **DISJONCTEUR POUR APPAREIL DE CHAUFFAGE**
[72] KOHN, GABRIEL S., US
[72] LEVY, WILLIAM, US
[73] SUNBEAM PRODUCTS, INC., US
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[54] **PROCESS FOR PREPARING (METH)ACRYLATES OF C17-ALCOHOL MIXTURES**
[54] **PROCEDE DE PREPARATION DE METHACRYLATES DE MELANGES D'ALCOOL C17**
[72] BETTE, VIRGINIE, DE
[72] PETZOLDT, JOCHEN, DE
[72] BREITSCHEIDEL, BORIS, DE
[73] BASF SE, DE
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[54] **PROCEDE POUR L'INITIATION D'EPOXYDATION**
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[72] ROKICKI, ANDRZEJ, US
[73] SCIENTIFIC DESIGN COMPANY, INC., US
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[54] **ENSEMBLE DE DECHARGE DE LA PRESSION ELEVEE ET DISPOSITIF DE VERROUILLAGE DE L'ENSEMBLE POUR L'UTILISATION AVEC DES EXTRUDEUSES**
[72] SIMPSON, TYLER DEAN, US
[72] HOWDESHELL, DWIGHT E., US
[73] NESTEC S.A., CH
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[72] SLEZAK, IVO, US
[72] CAVALCANTI, PAULO, US
[73] BABCOCK POWER SERVICES, INC., US
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[54] **MATERIAUX DE TRANSFERT THERMIQUE ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITS MATERIAUX**
[72] DOLSEY, RUSSELL, US
[73] NEENAH PAPER, INC., US
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[54] **COMPOSES, COMPOSITION PHARMACEUTIQUE ET METHODES POUR APPLICATION AU TRAITEMENT DE TROUBLES METABOLIQUES**
[72] HOVEYDA, HAMID, BE
[72] SCHILS, DIDIER, BE
[72] ZOUTE, LUDIVINE, BE
[72] PARCQ, JULIEN, FR
[73] OGEDA SA, BE
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[54] **COMPOSITION DE REBAUDIOSIDE A ET PROCEDE POUR PURIFIER LE REBAUDIOSIDE A**
[72] PRAKASH, INDRA, US
[72] UPRETI, MANI, US
[72] DUBOIS, GRANT E., US
[72] KING, GEORGE A., US
[72] MEHTA, ANISH, US
[73] THE COCA-COLA COMPANY, US
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[54] **PAPIERS MINCES ANTIMICROBIENS ET LEUR PROCEDE DE FABRICATION**
[72] CHAREST, MARIE-HELENE, CA
[72] SAMUEL, JEAN-FRANCOIS, CA
[72] ALLARD, PASCAL, CA
[72] ARSENAULT, REGIS, CA
[72] BEAULNE, CHARLES, CA
[72] BOUCHARD, JEAN-MARC, CA
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[54] **SYSTEMES DE TOIT POUR VEHICULES FERROVIAIRES**
[72] LOW, TREVOR, CA
[72] DOLDON, MARK, CA
[72] CRUIKSHANK, JOHN, AU
[72] HLYNKA, MARVIN, CA
[73] ECOFAB COVERS INTERNATIONAL INC., BB
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[54] **FLECHE TELESCOPIQUE POUR VEHICULE MANIPULANT DES MATERIAUX**
[72] HUSSON, GEOFFROY, FR
[72] DUPIRE, PIERRE, FR
[73] AGCO SA, FR
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[54] **PROCEDES DE FABRICATION D'UN PRINCIPE PHARMACEUTIQUEMENT ACTIF**
[72] THERKELSEN, FRANS, DK
[72] ROCK, MICHAEL HAROLD, DK
[72] TREPPENDAHL, SVEND, DK
[73] H. LUNDBECK A/S, DK
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[54] **ANTIGENE RECOMBINANT DU NDV, ET SES UTILISATIONS**
[72] GUO, XUAN, US
[72] TROUPE, KAROLYN MARIE, US
[72] FEILMEIER, BRADLEY J., US
[72] PRITCHARD, JOYCE ANITA, US
[72] CRUZ-COY, JULIO SERGIO, US
[73] MERIAL, INC., US
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[54] **PROCESS FOR TREATING A HYDROCARBON-CONTAINING FEED**
[54] **PROCEDE DE TRAITEMENT D'UNE CHARGE CONTENANT DES HYDROCARBURES**
[72] MILAM, STANLEY NEMEC, US
[72] REYNOLDS, MICHAEL ANTHONY, US
[72] WELLINGTON, SCOTT LEE, US
[72] ENGWALL, ERIK EDWIN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **FRANGIBLE, CERAMIC-METAL COMPOSITE OBJECTS AND METHODS OF MAKING THE SAME**
[54] **OBJETS COMPOSITES CERAMIQUE-METAL CASSABLES ET LEURS PROCEDES DE FABRICATION**
[72] HASH, MARK C., US
[72] PEARSON, TRENT, US
[73] ERVIN INDUSTRIES, INC., US
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[54] **SYSTEMS AND METHODS FOR RANKING DOCUMENTS**
[54] **SYSTEMES ET PROCEDES DE CLASSEMENT DE DOCUMENTS**
[72] STIVER, MARK C., US
[72] KOUL, VIMAL, US
[72] MILLER, EUPHEMIA H., US
[72] SEITTER, JEFF A., US
[73] LEXISNEXIS, US
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[54] **IDENTIFICATION, ASSESSMENT, AND THERAPY OF CANCERS WITH INNATE OR ACQUIRED RESISTANCE TO ALK INHIBITORS**
[54] **IDENTIFICATION, EVALUATION, ET THERAPIE DE CANCERS AYANT UNE RESISTANCE INNEE OU ACQUISE A DES INHIBITEURS DE ALK**
[72] MANO, HIROYUKI, JP
[72] CHOI, YOUNG L., JP
[72] SODA, MANABU, JP
[73] JICHI MEDICAL UNIVERSITY, JP
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[54] **CADRE DE SAC A DOS ET SYSTEME DE SAC**
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[73] MYSTERY RANCH, LTD., US
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[54] **TISSUS ELASTIQUES NON TISSES DE HAUTE RESISTANCE**
[72] VEDULA, RAVI R., US
[72] BRYSON, JAMES E., JR., US
[72] LEE, MOUH-WAHNG, US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
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[54] **METHODS AND COMPOSITIONS FOR IMPROVED NERVE CONDUCTION VELOCITY**
[54] **PROCEDES ET COMPOSITIONS POUR UNE VITESSE DE CONDUCTION NERVEUSE AMELIOREE**
[72] MCCARTHY, THOMAS DAVID, AU
[72] BAKER, ANDREW RAINSFORD, AU
[73] NOVARTIS AG, CH
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[54] **SUPERCONDUCTING SYSTEM FOR ENHANCED NATURAL GAS PRODUCTION**
[54] **SYSTEME SUPRACONDUCTEUR POUR UNE PRODUCTION AMELIOREE DE GAZ NATUREL**
[72] RASMUSSEN, PETER C., US
[72] NELSON, ERIC D., US
[72] STONE, JOHN B., US
[72] UPTIGROVE, STANLEY O., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PROCESS FOR MANUFACTURING SUCCINIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE SUCCINIQUE**
[72] GROOT, WILLEM JACOB, NL
[72] VAN BREUGEL, JAN, NL
[73] PURAC BIOCHEM BV, NL
[85] 2012-07-19
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[54] **METHOD AND SYSTEM FOR MANAGING AND MONITORING FUEL TRANSACTIONS**
[54] **PROCEDE ET SYSTEME POUR LA GESTION ET LA SURVEILLANCE DE TRANSACTIONS DE CARBURANT**
[72] BETANCOURT, ERNEST BLAS, US
[73] EPONA LLC, US
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[54] **ASSOCIATIVE THICKENER COMPRISING ACID MONOMER, ASSOCIATIVE MONOMER AND NONIONIC MONOMER**
[54] **EPAISSISSANT ASSOCIATIF COMPOSE DE MONOMERE ACIDE, MONOMERE ASSOCIATIF ET MONOMERE NON IONIQUE**
[72] ZACHARIAS, PHILIPP, DE
[72] SEYFFER, HERMANN, DE
[72] GUBAYDULLIN, ILSHAT, DE
[72] HANCIOGULLARI, HARUTYUN, DE
[72] BOTHE, MARC, DE
[73] BASF SE, DE
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[54] **METHOD AND SYSTEM FOR MODIFYING OPERATION ACCORDING TO DETECTED ORIENTATION**
[54] **PROCEDE ET SYSTEME POUR LA MODIFICATION DE FONCTIONNEMENT SELON UNE ORIENTATION DETECTEE**
[72] BOUDREAU, JEFFREY M., US
[73] ACUMENTRICS CORPORATION, US
[85] 2012-07-24
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[54] **DATA GATHERING SYSTEM**
[54] **SYSTEME DE RASSEMBLEMENT DE DONNEES**
[72] ZDEBLICK, MARK, US
[72] HUTCHISON, JAMES, US
[72] ARNE, LAWRENCE, US
[73] PROTEUS DIGITAL HEALTH, INC., US
[85] 2012-07-26
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[54] **A BONE FIXATION SYSTEM**
[54] **SYSTEME DE FIXATION D'OS**
[72] NARDINI, RETO, CH
[72] FRIGG, ROBERT, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **METHOD AND APPARATUS FOR PRECISE POSITIONING OF A BOREHOLE MEASUREMENT INSTRUMENT**
[54] **PROCEDE ET APPAREIL PERMETTANT DE POSITIONNER AVEC PRECISION UN INSTRUMENT DE MESURE POUR FORAGE**
[72] PFUTZNER, HAROLD G., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2012-07-31
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[54] **COMPOSITIONS CONTENANT UN TAXANE OU UN TAXOIDE ET UNE PROTEINE**
[72] HEAD, JONATHAN F., US
[72] ELLIOTT, ROBERT L., US
[73] ONCBIOMUNE, L.L.C., US
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[54] **TREATMENT SKIN DISORDERS**
[54] **TRAITEMENT DES AFFECTIONS CUTANEES**
[72] CHUNG, YIH-LIN, TW
[72] PUI, NAM-MEW, TW
[72] CHANG, WEI-WEI, US
[73] SUNNY PHARMTECH INC., TW
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[54] **WIND RESISTANT HEATER**
[54] **APPAREIL DE CHAUFFAGE RESISTANT AU VENT**
[72] SMITH, SCOTT, AU
[72] MICHALOWSKY, MARK, AU
[73] BROMIC HEATING PTY LIMITED, AU
[85] 2012-08-02
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[54] **LEURRE DE PECHE**
[72] GUENNAL, MATTHIEU, FR
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[54] **METHOD AND APPARATUS FOR IN VITRO TESTING FOR MEDICAL DEVICES**
[54] **PROCEDE ET APPAREIL POUR L'ESSAI IN VITRO DE DISPOSITIFS MEDICAUX**
[72] HOU, MARI, US
[72] JUNIO, JOSEPH, US
[73] MCNEIL-PPC, INC., US
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[25] EN
[54] **LED LIGHT FOR EXAMINATIONS AND PROCEDURES**
[54] **LUMIERE A DEL POUR EXAMENS ET PROCEDURES**
[72] KREITZER, MELVYN H., US
[72] MONTGOMERY, KEVIN M., US
[72] MOSKOVICH, JACOB, US
[72] RAU, BRIAN D., US
[72] TREON, THOMAS L., US
[73] MIDMARK CORPORATION, US
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[54] **DEVICES AND METHODS FOR TREATING A HEART**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE TRAITER UN C□UR**
[72] BOBO, DONALD E., US
[72] BASH, ASSAF, US
[72] CAMPBELL, LOUIS A., US
[72] CURTIS, ALISON S., US
[72] CHEUNG, TAK, US
[72] MIGLIAZZA, JOHN F., US
[73] EDWARD LIFESCIENCES CORPORATION, US
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[25] EN
[54] **HIGH-EFFICIENCY ENGINE DRIVEN BY PRESSURIZED AIR OR OTHER COMPRESSIBLE GASES**
[54] **MOTEUR THERMIQUE A HAUT RENDEMENT ENTRAINE PAR AIR COMPRIME OU AUTRES GAZ COMPRESSIBLES**
[72] TRUGLIA, VITO GIANFRANCO, IT
[73] AIR POWER TECHNOLOGIES GROUP LIMITED, GB
[85] 2012-08-13
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[54] **HIGH PERFORMANCE TOILETS CAPABLE OF OPERATION AT REDUCED FLUSH VOLUMES**
[54] **TOILETTES HAUTE PERFORMANCE APTES A FONCTIONNER A DES VOLUMES DE CHASSE REDUITS**
[72] GROVER, DAVID, US
[73] AS IP HOLDCO, LLC, US
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[54] **A PHARMACEUTICAL COMPOSITION OF KILLED CELLS WITH SUBSTANTIALLY RETAINED IMMUNOGENICITY**
[54] **COMPOSITION PHARMACEUTIQUE DE CELLULES TUEES AVEC IMMUNOGENICITE SUBSTANTIELLEMENT CONSERVEE**
[72] KHAMAR, BAKULESH MAFATLAL, IN
[72] SINGH, SATINDER, IN
[72] DESAI, NIRAV MANOJKUMAR, IN
[72] MODI, RAJIV INDRAVADAN, IN
[73] CADILA PHARMACEUTICALS LIMITED, IN
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[25] EN
[54] **PROCESS FOR PRODUCING MINERAL OIL USING SURFACTANTS BASED ON C16C18-CONTAINING ALKYL PROPOXY SURFACTANTS**
[54] **PROCEDE D'EXTRACTION DU PETROLE AU MOYEN DE TENSIOACTIFS A BASE DE TENSIOACTIFS ALKYLPROPOXYLES RENFERMANT C16C18**
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUENTER, DE
[72] TINSLEY, JACK, DE
[72] SPINDLER, CHRISTIAN, DE
[72] ALVAREZ-JUERGENSON, GABRIELA, DE
[72] MAITRO-VOGEL, SOPHIE, DE
[72] WLOKA, VERONIKA, DE
[72] GUZMANN, MARCUS, DE
[73] BASF SE, DE
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[54] **METHODS AND NODES FOR SCHEDULING RADIO RESOURCES IN A WIRELESS COMMUNICATION SYSTEM EMPLOYING ENHANCED TIMESLOT ASSIGNMENT (EFTA)**
[54] **PROCEDES ET NOEUDS POUR LA PLANIFICATION DE RESSOURCES RADIO DANS UN SYSTEME DE COMMUNICATION SANS FIL UTILISANT UNE AFFECTATION D'INTERVALLES DE TEMPS (EFTA) AMELIOREE**
[72] MANBO, OLOF, SE
[72] BERGSTROM, ANDREAS, SE
[72] KARLSSON, MATS, SE
[72] AXELSSON, HAKAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **FORMULATION TOPIQUE DE SOIN DE LA PEAU**
[72] HINES, MICHELLE, US
[73] MARY KAY INC., US
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[54] **AMINE POLYMERS FOR USE AS BILE ACID SEQUESTRANTS**
[54] **POLYMERES D'AMINE POUR L'UTILISATION COMME SEQUESTRANTS DE L'ACIDE BILIAIRE**
[72] CONNOR, ERIC, US
[72] BIYANI, KALPESH, US
[72] HECKER, SCOTT, US
[72] LEES, INEZ, US
[72] MANSKY, PAUL, US
[72] MU, YONGQI, US
[72] SALAYMEH, FELAH, US
[72] ZHANG, HONGMIN, US
[72] BERGBREITER, DAVID, US
[72] QUAKER, GRACE, US
[72] COPE, MICHAEL JAMES, US
[72] GOKA, ELIZABETH, US
[72] LEE, ANGELA, US
[72] MADSEN, DEIDRE, US
[72] SHAO, JUN, US
[72] ZHANG, XINNAN, US
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[54] **REACTEUR A ECOULEMENT RADIAL POURVU DE SUPPORTS MOBILES**
[72] ACKLEY, MARK WILLIAM, US
[72] CELIK, CEM E., US
[72] NOWOBILSKI, JEFFERT JOHN, US
[72] SCHNEIDER, JAMES STANLEY, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **ROBINET DE DISTRIBUTION**
[72] AEHLE, ACHIM, DE
[72] KUNTER, STEFAN, DE
[72] FEDDE, MATTHIAS, DE
[73] ELAFLEX HIBY TANKTECHNIK GMBH & CO., DE
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[54] **MANUFACTURING METHOD FOR SUGAR SOLUTION AND DEVICE FOR SAME**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE ET DISPOSITIF AFFERENT**
[72] KURIHARA, HIROYUKI, JP
[72] MINAMINO, ATSUSHI, JP
[72] YAMAMOTO, YUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2012-09-04
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[25] EN
[54] **CO-INJECTED COMPOSITE SHELL FOR AN AXIAL TURBOMACHINE COMPRESSOR**
[54] **COQUILLE COMPOSITE CO-INJECTEE POUR UN COMPRESSEUR TURBO AXIAL**
[72] BRASSINE, CHRISTINE, BE
[72] WERY, XAVIER, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2792218)
[87] (2792218)
[22] 2012-10-16
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[25] EN
[54] **SYNTHESIS OF CHIRAL 2-(1H-INDAZOL-6-YL)-SPIRO[CYCLOPROPANE-1,3'-INDOLIN]-2'-ONES**
[54] **SYNTHESE DE 2-(1H-INDAZOL-6-YL)-SPIRO[CYCLOPROPANE-1,3'-INDOLIN]-2'-ONES CHIRALES**
[72] PATEL, NARENDA KUMAR B., CA
[72] FORREST, BRYAN T., CA
[72] LIU, YONG, CA
[72] LI, SZE-WAN, CA
[72] SAMPSON, PETER BRENT, CA
[72] EDWARDS, LOUISE G., CA
[72] PAULS, HEINZ W., CA
[72] CUMMING, GRAHAM, GB
[73] UNIVERSITY HEALTH NETWORK, CA
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[86] 2011-04-06 (PCT/CA2011/000387)
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[54] **ASSOCIATING SERVICES TO PERIMETERS**
[54] **ASSOCIATION DE SERVICES AUX PERIMETRES**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] RUSSELL, GRAHAM, CA
[72] SILVANOVICH, NATALIE MICHELLE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2792707)
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[72] NGY, MICHAEL JOHN, AU
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[72] GASSA, FEDERICO, IT
[73] INDENA S.P.A., IT
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[54] **COMPOSITION PHARMACEUTIQUE POUR L'INHIBITION DE L'APOPTOSE DE NEURONE OU DE LA NEURODEGENERESCENCE**
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[72] PARK, IN SUK, KR
[72] LIM, MI JUNG, KR
[72] LEE, JI WON, KR
[72] CHUNG, JIN YONG, KR
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[54] **APPAREIL POUR LE LANCEMENT DE CIBLES**
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[72] FOUQUES, JEAN-MARC, FR
[73] LAPORTE HOLDING, FR
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[73] SYNGENTA PARTICIPATIONS AG, CH
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[54] **PLANT DISEASE CONTROL COMPOSITIONS COMPRISING A CARBOXAMIDE COMPOUND AND FLUDIOXONIL**
[54] **COMPOSITIONS DESTINEES AU CONTROLE DES MALADIES FONGIQUES DE VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET DU FLUDIOXONIL**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **PANSEMENT POUR PLAIES**
[72] ADIE, GORDON CAMPBELL, GB
[72] COLLINSON, SARAH JENNY, GB
[72] FRYER, CHRISTOPHER JOHN, GB
[72] PERON, YANNICK LOUIS, GB
[72] NICOLINI, DEREK, GB
[72] HARTWELL, EDWARD YERBURY, GB
[73] SMITH & NEPHEW PLC, GB
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[54] **LIQUID APPLICATOR DEVICE**
[54] **DISPOSITIF APPLICATEUR DE LIQUIDE**
[72] BALLOT, STEPHAN M., US
[73] FLOCON, INC., US
[85] 2012-10-31
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[25] EN
[54] **OPTICAL PARAMETRIC GENERATOR BASED ON A SLANT-STRIPE PERIODICALLY POLED NONLINEAR MATERIAL WITH OPTIMISED LATERAL OUTPUT COUPLING OF A TERAHERTZ SIGNAL**
[54] **GENERATEUR PARAMETRIQUE OPTIQUE A BASE D'UN MATERIAU NON LINEAIRE A POLARITE PERIODIQUE ET A RAYURES INCLINEES AYANT UN COUPLAGE DE SORTIE LATERAL OPTIMISE D'UN SIGNAL TERAHERTZ**
[72] RAE, CAMERON FRANCIS, GB
[72] DUNN, MALCOLM HARRY, GB
[72] WALSH, DAVID ALAN, GB
[73] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
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[54] **SYSTEM AND METHOD FOR LOW BATTERY DETECTION**
[54] **SYSTEME ET PROCEDE POUR DETECTION DE NIVEAU DE BATTERIE FAIBLE**
[72] EDWARDS, BRUCE, US
[72] NORROD, ERIC, US
[73] LANDIS+GYR INNOVATIONS, INC., US
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[54] **PROCESS FOR RECYCLING WASTE PAPER, PRODUCT OBTAINED THERE FROM AND ITS USES**
[54] **PROCESSUS DE RECYCLAGE DE VIEUX PAPIERS, PRODUIT OBTENU A PARTIR DUDIT PROCESSUS ET SES USAGES**
[72] CALAFELL MONFORT, MARGARITA, ES
[73] UNIVERSITAT POLITECNICA DE CATALUNYA, ES
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[25] EN
[54] **UPLINK TRANSMISSION APPARATUS AND METHOD FOR MOBILE COMMUNICATION SYSTEM SUPPORTING UPLINK MIMO**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION DE LIAISON MONTANTE POUR UN SYSTEME DE COMMUNICATION MOBILE PRENANTE EN CHARGE LE PROTOCOLE MIMO DE LIAISON MONTANTE**
[72] YEON, MYUNG HOON, KR
[72] HAN, JIN KYU, KR
[72] LEE, JU HO, KR
[72] NAM, YOUNG HAN, US
[72] ZHANG, JIANZHONG, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-11-09
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[54] **PULL-DOWN METHOD AND EQUIPMENT FOR INSTALLING WELL CASING**
[54] **PROCEDE ET EQUIPEMENT D'ABAISSEMENT POUR INSTALLER UN TUBAGE DE PUITS**
[72] NEIDHARDT, DIETMAR J., US
[72] NIKIFORUK, KEVIN J., US
[73] TESCO CORPORATION, US
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[86] 2011-05-13 (PCT/CA2011/000562)
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[25] FR
[54] **THERMOPLASTIC REINFORCEMENT FOR PROFILED SEAL OR PROFILED MOLDING IN A MOTOR VEHICLE, PROFILE COMPRISING THE REINFORCEMENT AND PRODUCTION METHOD FOR REINFORCEMENTS**
[54] **ARMATURE THERMOPLASTIQUE POUR PROFILE D'ETANCHEITE OU D'ENJOLIVEUR DE VEHICULE AUTOMOBILE, PROFILE L'INCORPORANT ET PROCEDE DE FABRICATION D'ARMATURES**
[72] BARATIN, SYLVAIN, FR
[72] CHAPEAU, PHILIPPE, FR
[72] BLOTTIAU, OLIVIER, FR
[73] HUTCHINSON, FR
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[25] EN
[54] **REMOTE CONTROLLED FOOD PROCESSOR**
[54] **ROBOT CULINAIRE COMMANDE A DISTANCE**
[72] PIAI, GUIDO, DE
[72] PROBST, CHRISTIAN, DE
[72] CAHEN, ANTOINE, CH
[72] GRANGER, ERIC, CH
[73] NESTEC S.A., CH
[85] 2012-11-19
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[54] **FOIL EMBOSSING DEVICE**
[54] **DISPOSITIF DE GAUFRAGE DE FEUILLE**
[72] BOEGLI, CHARLES, CH
[73] BOEGLI-GRAVURES SA, CH
[85] 2012-11-21
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[25] EN
[54] **LOW TEMPERATURE METHOD AND SYSTEM FOR FORMING FIELD JOINTS ON UNDERSEA PIPELINES**
[54] **PROCEDE ET SYSTEME BASSE PRESSION PERMETTANT DE FORMER DES JOINTS DE MONTAGE SUR DES CONDUITES SOUS-MARINES**
[72] JACKSON, ADAM, NO
[72] OESTBY, GEIR MELVOLD, NO
[72] JACKSON, PETER, CA
[73] SHAWCOR LTD., CA
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[25] EN
[54] **CRYSTALLINE FORM OF BENZYLBENZENE SGLT2 INHIBITOR**
[54] **FORME CRISTALLINE D'INHIBITEUR DE SGLT2 DE TYPE BENZYL-BENZENE**
[72] CAI, MENGZHUANG, CN
[72] LIU, QIAN, CN
[72] XU, GE, CN
[72] LV, BINHUA, CN
[72] SEED, BRIAN, US
[72] ROBERGE, JACQUES Y., US
[73] THERACOS SUB, LLC, US
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[25] FR
[54] **LOW-ALLOY STEEL HAVING A HIGH YIELD STRENGTH AND A HIGH SULPHIDE-INDUCED STRESS CRACKING RESISTANCE**
[54] **ACIER FAIBLEMENT ALLIE A LIMITE D'ELASTICITE ELEVEE ET HAUTE RESISTANCE A LA FISSURATION SOUS CONTRAINTE PAR LES SULFURES**
[72] DELATTRE, LAURENT, FR
[72] MARCHEBOIS, HERVE, FR
[72] PIETTE, MICHEL, FR
[72] BOSCH, CHRISTOPH, DE
[72] HOERSTEMEIER, MICHAELA, DE
[72] KONRAD, JOACHIM, DE
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2012-11-28
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[54] **LOOKUP TABLES FOR TEXT RENDERING**
[54] **TABLES DE CONVERSION POUR RENDU DE TEXTE**
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[72] RAUBACHER, CHRISTOPHER NATHANIEL, US
[72] HODSDON, ANTHONY JOHN ROLLS, US
[72] COHEN, MILES MARK, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. H01H 36/00 (2006.01)**
[25] EN
[54] **MAGNETICALLY-TRIGGERED PROXIMITY SWITCH**
[54] **COMMUTATEUR DE PROXIMITE A DECLENCHEMENT MAGNETIQUE**
[72] PEARCE, JOEL, US
[72] LAFOUNTAIN, ROBERT LYNN, US
[72] SIMMONS, MICHAEL, US
[73] GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC., D/B/A TOPWORX, INC., US
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[30] US (61/354,170) 2010-06-11

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[13] C
[51] **Int.Cl. B64D 43/02 (2006.01) G05D 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROTECTING AN AIRCRAFT**
[54] **PROCEDE ET DISPOSITIF POUR LA PROTECTION D'UN AERONEF**
[72] BAILLON, BERTRAND, FR
[72] KLOTZ, JULIEN, FR
[72] MUTUEL, LAURENCE, FR
[73] THALES, FR
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[86] 2011-05-24 (PCT/EP2011/058505)
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[51] **Int.Cl. H01L 31/072 (2012.01)**
[25] EN
[54] **PHOTOVOLTAIC DEVICES WITH MULTIPLE JUNCTIONS SEPARATED BY A GRADED RECOMBINATION LAYER**
[54] **DISPOSITIFS PHOTOVOLTAIQUES COMPORTANT PLUSIEURS JONCTIONS SEPAREES PAR UNE COUCHE DE RECOMBINAISON A GRADIENT D'INDICE**
[72] BARKHOUSE, AARON, US
[72] WANG, XIHUA, CA
[72] SARGENT, EDWARD H., CA
[72] KOLEILAT, GHADA, CA
[72] BRZOZOWSKI, LUKASZ, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[30] US (61/351,948) 2010-06-07
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[51] **Int.Cl. F27D 25/00 (2010.01)**
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[54] **METHOD AND SYSTEM OF REMOVING ACCRETION BUILDUP IN A FURNACE**
[54] **PROCEDE ET SYSTEME POUR ELIMINER DES DEPOTS ACCUMULES DANS UN FOUR**
[72] DENEYS, ADRIAN C., US
[72] MANLEY, STEPHEN A., US
[72] MAHONEY, WILLIAM J., US
[72] ALBRECHT, KEVIN W., US
[72] CATES, JESSE E., US
[72] ENRIQUEZ, ARSENIO C., US
[72] WRIGHT, KYLE BRENT, US
[73] KENNECOTT UTAH COPPER LLC, US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2012-12-05
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[30] US (61/352,143) 2010-06-07

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[25] EN
[54] **RISING SUPPORT INTEGRATED IN A WALKING AID**
[54] **SUPPORT DE LEVAGE INTEGRE DANS UN SYSTEME D'ASSISTANCE A LA MARCHE**
[72] AHLBERTZ, ANDERS, SE
[72] GLADH, JOHAN, SE
[73] GATE REHAB DEVELOPMENT AB, SE
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[51] **Int.Cl. B60P 1/02 (2006.01) B60P 1/44 (2006.01)**
[25] EN
[54] **LOAD HANDLING APPARATUS FOR HANDLING GOODS IN VEHICLE**
[54] **APPAREIL DE MANUTENTION DE CHARGE PERMETTANT DE MANIPULER DES MARCHANDISES DANS UN VEHICULE**
[72] DIBDIN, THOMAS PETER, GB
[73] MIDDLEGATE MARKETING LIMITED, GB
[85] 2012-12-07
[86] 2011-06-07 (PCT/EP2011/059404)
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[30] GB (1009572.7) 2010-06-08
[30] EP (10165478.8) 2010-06-10

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[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 19/04 (2006.01) A61P 25/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING IRIDOIDS AND USES THEREOF**
[54] **COMPOSITION CONTENANT DES IRIDOIDES ET SES UTILISATIONS**
[72] LI, LIN, CN
[72] YIN, LINLIN, CN
[72] ZHANG, LAN, CN
[72] WANG, WEN, CN
[72] ZHANG, RUYI, CN
[73] XUANWU HOSPITAL OF CAPITAL MEDICAL UNIVERSITY, CN
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[30] CN (201010198166.0) 2010-06-11

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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/50 (2006.01)**
[25] EN
[54] **SUPPORTING PROFILED ELEMENT, METHOD FOR PRODUCING A SUPPORTING PROFILED ELEMENT, AND USE OF SAID SUPPORTING PROFILED ELEMENT IN A METHOD FOR PRODUCING A REINFORCED VEHICLE FUSELAGE COMPONENT**
[54] **PROFILE SUPPORT, PROCEDE DE FABRICATION D'UN PROFILE SUPPORT ET SON UTILISATION DANS UN PROCEDE DE FABRICATION D'UN ELEMENT RENFORCE D'UNE CARCASSE DE VEHICULE**
[72] BUERKNER, STEFFEN, DE
[72] SCHOLLER, JOCHEN, DE
[72] HANSEN, ERIK, DE
[73] PREMIUM AEROTEC GMBH, DE
[85] 2012-12-17
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[30] DE (10 2010 024 120.2) 2010-06-17

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[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SECURE AND EFFICIENT PAYMENT PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE PAIEMENT SUR ET EFFICACE**
[72] KERESMAN, MICHAEL A., III, US
[72] BHAGAVATULA, RAVISHANKAR, US
[72] BALASUBRAMANIAN, CHANDRA, US
[72] SHERWIN, FRANCIS M., US
[73] CARDINALCOMMERCE CORPORATION, US
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[25] EN
[54] **ELECTROCHEMICALLY ACTUATED VALVE**
[54] **SOUPAPE ACTIONNEE DE FACON ELECTROCHIMIQUE**
[72] LUNDBLAD, ANDERS, SE
[72] MASHOOF, MAHSA, SE
[72] KARLSSON, DANIEL, SE
[72] LINDBLOM, MAGNUS, SE
[72] POULAIN, RAPHAEL, FR
[73] MYFC AB, SE
[85] 2012-12-17
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[87] (WO2011/159246)
[30] SE (1050628-5) 2010-06-18

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[51] **Int.Cl. B32B 5/16 (2006.01) B32B 5/26 (2006.01) B32B 23/02 (2006.01) B32B 23/10 (2006.01) D21H 13/26 (2006.01)**
[25] EN
[54] **MULTILAYER STRUCTURE USEFUL FOR ELECTRICAL INSULATION**
[54] **STRUCTURE MULTICOUCHE UTILE POUR ISOLATION ELECTRIQUE**
[72] LEVIT, MIKHAIL R., US
[72] KANG, BYOUNG SAM, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2012-12-18
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[30] US (12/825,810) 2010-06-29

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 39/00 (2006.01) A61K 39/21 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARING VESICLES AND FORMULATIONS PRODUCED THEREFROM**
[54] **PROCEDES POUR PREPARER DES VESICULES ET FORMULATIONS PRODUITES A PARTIR DE CES PROCEDES**
[72] ANDERSON, DAVID E., US
[72] DIAZ-MITOMA, FRANCISCO, CA
[72] LE, THANH, CA
[73] VARIATION BIOTECHNOLOGIES INC., CA
[85] 2012-12-19
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[30] US (61/223,192) 2009-07-06
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[51] **Int.Cl. B01J 13/16 (2006.01)**
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[54] **PROCESS FOR PRODUCING MICROCAPSULES**
[54] **PROCEDE DE PRODUCTION DE MICROCAPSULES**
[72] DENUELL, WOLFGANG, DE
[72] HOTZ, JUTTA, CH
[73] COGNIS IP MANAGEMENT GMBH, DE
[85] 2012-12-20
[86] 2011-03-05 (PCT/EP2011/001098)
[87] (WO2011/160733)
[30] EP (10167305.1) 2010-06-25

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[13] C
[51] **Int.Cl. A61K 31/495 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS INCLUDING CARBAMOYLOXY ARYLALKANOYL ARYLPIPERAZINE COMPOUND**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN COMPOSE DE CARBAMOYLOXY ARYLALKANOYL ARYLPIPERAZINE**
[72] MOON, HONG SIK, KR
[72] YI, HAN JU, KR
[72] CHAE, EUN HEE, KR
[72] CHAE, SANG MI, KR
[72] SHIN, HYE WON, KR
[73] SK BIOPHARMACEUTICALS CO., LTD., KR
[85] 2012-12-20
[86] 2011-07-08 (PCT/KR2011/004996)
[87] (WO2012/005536)
[30] KR (10-2010-0065950) 2010-07-08

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[51] **Int.Cl. B05D 1/34 (2006.01) B05B 13/04 (2006.01)**
[25] EN
[54] **PLURAL COMPONENT COATING APPLICATION SYSTEM WITH A COMPRESSED GAS FLUSHING SYSTEM AND SPRAY TIP FLIP MECHANISM**
[54] **SYSTEME D'APPLICATION DE REVETEMENT A PLUSIEURS COMPOSANTS AVEC SYSTEME DE PURGE A GAZ COMPRIME ET MECANISME DE BASCULEMENT D'EMBOUT DE PULVERISATION**
[72] TAYLOR, SIDNEY, US
[72] ROGALA, STANLEY, US
[72] BELIK, IVAN, US
[72] WENGER, MILES, CA
[73] LINE TRAVEL AUTOMATED COATING INC., CA
[85] 2012-12-24
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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **CORE-SHEATH IMPLANT DEVICE HAVING AN INNER CORE LOBE**
[54] **DISPOSITIF D'IMPLANT NOYAU-GAINE AYANT UN LOBE DE NOYAU INTERIEUR**
[72] HUDSON, MICHAEL E., US
[73] EVONIK CORPORATION, US
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[25] EN
[54] **HETEROCYCLIC COMPOUND AND P27KIP1 DEGRADATION INHIBITOR**
[54] **COMPOSE HETEROCYCLIQUE, ET INHIBITEUR DE DEGRADATION DE P27KIP1**
[72] UCHIDA, HIROSHI, JP
[72] ASAGARASU, AKIRA, JP
[72] MATSUI, TERUAKI, JP
[73] ASKA PHARMACEUTICAL CO., LTD., JP
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[54] **APPAREIL D'AGRAFAGE POUR LA REALISATION D'UNE ANASTOMOSE SUR DES ORGANES CREUX**
[72] TZAKIS, ANDREAS G., US
[72] MORELLI, JAMES, US
[72] SADOWSKI, DANIEL, US
[73] ZAKEASE SURGICAL INC., US
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[25] EN
[54] **PROTECTIVE HELMET, IN PARTICULAR FOR FORESTRY WORKERS**
[54] **CASQUE DE PROTECTION DESTINE NOTAMMENT A DES OUVRIERS FORESTIERS**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2013-01-04
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[54] **A CAPSULE HOLDER OR AN ADAPTER FOR ADAPTING A CAPSULE IN A CAPSULE HOLDER IN A BEVERAGE PREPARATION MACHINE**
[54] **PORTE-CAPSULE OU ADAPTATEUR PERMETTANT D'ADAPTER UNE CAPSULE A UN PORTE-CAPSULE DE MACHINE A PREPARER LES BOISSONS**
[72] DOGAN, NIHAN, CH
[72] DOLEAC, FREDERIC, FR
[72] HENTZEL, STEPHANE, CH
[72] PLEISCH, HANSPETER, CH
[72] RAEDERER, MARC, CH
[73] NESTEC S.A., CH
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[72] HOWES, JONATHAN SEBASTIAN, GB
[72] MACNAGHTEN, JAMES, GB
[73] ENERGY TECHNOLOGIES INSTITUTE LLP, GB
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[54] **CONNECTEUR D'ENSEMBLE D'EXTENSION D'ALIMENTATION ENTERALE**
[72] GRIFFITH, NATHAN C., US
[72] MCMICHAEL, DONALD J., US
[72] ROTELLA, JOHN A., US
[72] TEIXEIRA, SCOTT M., US
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[54] **INSTALLATION DE NETTOYAGE DE PRODUITS EN VRAC**
[72] DOPPSTADT, FERDINAND, DE
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[54] **RECIPIENT EN MATIERE PLASTIQUE**
[72] MESSIER, PATRICK, CA
[73] CASCADES CANADA ULC, CA
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[25] EN
[54] **HYBRID STACKING SYSTEM FOR CONTAINERS**
[54] **SYSTEME DE GERBAGE HYBRIDE POUR CONTENANTS**
[72] BECKLIN, DENNIS M., US
[73] ENVIRONMENTAL CONTAINER SYSTEMS, INC. D/B/A ECS COMPOSITES, US
[85] 2013-01-10
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[72] THOMAS, THIERRY, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[25] EN
[54] **AN ASSEMBLY RIG FOR ASSEMBLING A WIND TURBINE TOWER OR WIND TURBINE TOWER SECTIONS AND A RESPECTIVE METHOD**
[54] **APPAREIL D'ASSEMBLAGE POUR ASSEMBLER UNE TOUR EOLIENNE OU DES SECTIONS DE TOUR EOLIENNE ET PROCEDE RESPECTIF**
[72] KJAER, HENNING, DK
[72] LARSEN, BENT JUUL, DK
[72] HELTOFT, LARS, DK
[72] KRYGER, ARNE, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] ANDRESEN TOWERS A/S, DK
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[25] EN
[54] **PHARMACEUTICAL AND/OR DIETARY COMPOSITIONS BASED ON SHORT CHAIN FATTY ACIDS**
[54] **COMPOSITIONS PHARMACEUTIQUES ET/OU ALIMENTAIRES A BASE D'ACIDES GRAS A CHAINE COURTE**
[72] MORO, LUIGI, IT
[73] COSMO TECHNOLOGIES LTD., IE
[85] 2012-12-18
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[54] **SLOW RELEASE PHARMACEUTICAL COMPOUND OF TRIMETAZIDINE**
[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE DE TRIMETAZIDINE**
[72] GENTY, PATRICK, FR
[72] HERMELIN, CHRISTOPHE, FR
[72] PEAN, JEAN-MANUEL, FR
[73] LES LABORATOIRES SERVIER, FR
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[54] **JOINTS HAVING IMPROVED SEALABILITY, LUBRICATION AND CORROSION RESISTANCE**
[54] **JOINTS DOTES D'UNE APTITUDE A L'ADHESION, D'UNE LUBRIFICATION ET D'UNE RESISTANCE A LA CORROSION AMELIOREES**
[72] CASAR RIBALTA, JESUS, AR
[72] DELL'ERBA, DIEGO NICOLAS, AR
[72] CARCAGNO, GABRIEL EDUARDO, AR
[73] TENARIS CONNECTIONS B.V., NL
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[54] **PROCESS FOR THE SYNTHESIS OF 2,5-FURANDICARBOXYLIC ACID**
[54] **PROCEDE DE SYNTHESE D'ACIDE 2,5-FURANDICARBOXYLIQUE**
[72] BORSOTTI, GIAMPIETRO, IT
[72] DIGIOIA, FRANCESCA, IT
[73] NOVAMONT S.P.A., IT
[85] 2013-01-15
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[54] **COMPRESSED NATURAL GAS FUELING STATION**
[54] **STATION D'APPROVISIONNEMENT EN GAZ NATUREL COMPRIME**
[72] EVANS, PAUL D., CA
[72] EPP, MARK, CA
[72] MARTE, SEAN, CA
[72] KROMAN, JAN, CA
[72] FARRAR, MICHAEL L., CA
[73] FERUS NATURAL GAS FUELS INC., CA
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[25] EN
[54] **HYDRAULIC OIL CYLINDER, CORRELATIVE DEVICE THEREOF, HYDRAULIC CUSHION SYSTEM, EXCAVATOR AND CONCRETE PUMP TRUCK**
[54] **VERIN A HUILE HYDRAULIQUE, DISPOSITIF ASSOCIE A CELUI-CI, SYSTEME D'AMORTISSEUR HYDRAULIQUE, EXCAVATRICE ET CAMION-POMPE A BETON**
[72] YI, XIAOGANG, CN
[72] LIU, YONGDONG, CN
[72] CHEN, BINGBING, CN
[73] HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO., LTD, CN
[73] SANY HEAVY INDUSTRY CO., LTD, CN
[85] 2013-01-17
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[25] EN
[54] **MOULD ASSEMBLY AND METHOD OF CLOSING A MOULD ASSEMBLY**
[54] **DISPOSITIF DE MOULE ET PROCEDE DE FERMETURE D'UN DISPOSITIF DE MOULE**
[72] SCHIBSBYE, KARSTEN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-01-18
[86] 2011-02-07 (PCT/EP2011/051726)
[87] (WO2012/010331)
[30] EP (10007577.9) 2010-07-21

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[51] **Int.Cl. A61J 3/07 (2006.01) A61K 9/48 (2006.01)**
[25] FR
[54] **DEVICE AND INSTALLATION FOR JOINING AT LEAST TWO MEDICINE CAPSULES BY ADHESIVE BONDING**
[54] **DISPOSITIF ET INSTALLATION D'ASSEMBLAGE D'AU MOINS DEUX CAPSULES MEDICAMENTEUSES PAR COLLAGE**
[72] EL GLAOUI, MEHDI, CH
[72] EL GLAOUI, GUILLAUME, FR
[72] HOFFELT, JEAN, FR
[72] FONTAINE, JEAN-PIERRE, FR
[73] DUO-GE, FR
[85] 2013-01-18
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[25] EN
[54] **PROCESS FOR CASTING CONCRETE WALL BLOCKS FOR USE WITH GEOGRIDS**
[54] **PROCEDE POUR COULER DES BLOCS DE PAROI EN BETON POUR L'UTILISATION AVEC DES GEO-GRILLES**
[72] BERGMANN, JOHN W., US
[73] REDI-ROCK INTERNATIONAL, LLC, US
[85] 2013-01-29
[86] 2011-07-26 (PCT/US2011/045305)
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[51] **Int.Cl. B65D 81/20 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **PACKAGE WITH CLOSURE, APERTURE, AND INSERT**
[54] **EMBALLAGE POURVU D'UNE FERMETURE, D'UNE OUVERTURE ET D'UN INSERT**
[72] BARTA, JENNIFER S., US
[72] FENSKE, JOHN J., US
[72] PHILLIPS, DIANE M., US
[73] GENERAL MILLS MARKETING, INC., US
[85] 2013-01-29
[86] 2011-07-28 (PCT/US2011/045695)
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[30] US (61/369,361) 2010-07-30

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[51] **Int.Cl. B01D 53/86 (2006.01) C10L 3/08 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE SULFUR TOLERANT TAR REMOVAL WITH CONCOMITANT SYNTHESIS GAS CONDITIONING**
[54] **ELIMINATION DE GOUDRON TOLERANT AU SOUFRE A BASSE TEMPERATURE AVEC CONDITIONNEMENT CONCOMITANT DE GAZ DE SYNTHESE**
[72] PANSARE, SOURABH S., US
[72] ALLISON, JOE D., US
[72] LUSK, STEVEN E., US
[72] TSANG, ALBERT C., US
[73] LUMMUS TECHNOLOGY INC., US
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[51] **Int.Cl. A61M 39/14 (2006.01) B29C 65/20 (2006.01)**
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[54] **METHOD AND DEVICE FOR THE STERILE CONNECTION OF PIPES**
[54] **PROCEDE ET DISPOSITIF D'ASSEMBLAGE STERILE DE TUYAUX FLEXIBLES**
[72] SCHWALM, MICHAEL, DE
[72] BRUECKNER, THOMAS, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2013-02-14
[86] 2011-08-05 (PCT/EP2011/063541)
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[51] **Int.Cl. C11D 17/00 (2006.01) C11D 1/28 (2006.01)**
[25] EN
[54] **UNIT DOSE DETERGENT COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **COMPOSITIONS DE DETERGENT EN DOSES UNITAIRES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] GRAHAM, TROY R., US
[72] NIXON, ANNE E., US
[72] HAREWOOD, PATRICK S., US
[72] TOUSSA, NARCISSE N., US
[72] ORDONEZ, EDISON A., US
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2013-02-19
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[25] EN
[54] **TAMPER RESISTANT DOSAGE FORM COMPRISING AN ANIONIC POLYMER**
[54] **FORME PHARMACEUTIQUE INVIOLABLE COMPORTANT UN POLYMERE ANIONIQUE**
[72] BARNSCHEID, LUTZ, DE
[72] SCHWIER, SEBASTIAN, DE
[72] BARTHOLOMAEUS, JOHANNES, DE
[73] GRUENENTHAL GMBH, DE
[85] 2013-02-20
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[25] EN
[54] **METHOD FOR QUANTIFYING THE AMOUNT OF CHOLESTEROL IN HIGH-DENSITY LIPOPROTEIN 3**
[54] **PROCEDE DE QUANTIFICATION DE LA QUANTITE DE CHOLESTEROL DANS UNE LIPOPROTEINE HAUTE DENSITE 3**
[72] HIGUCHI, MAIKO, JP
[72] ITOH, YASUKI, JP
[73] DENKA SEIKEN CO., LTD., JP
[85] 2013-02-21
[86] 2011-07-22 (PCT/JP2011/066691)
[87] (WO2012/011563)
[30] JP (2010-166395) 2010-07-23

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[13] C
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **SPINAL IMPLANT SET FOR THE DYNAMIC STABILIZATION OF THE SPINE**
[54] **JEU D'IMPLANTS RACHIDIENS DESTINE A LA STABILISATION DYNAMIQUE DE LA COLONNE VERTEBRALE**
[72] FREUDIGER, STEFAN, CH
[72] DIENER, ROLF, CH
[73] SPINESAVE AG, CH
[85] 2013-02-22
[86] 2011-08-23 (PCT/CH2011/000192)
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[30] CH (1379/10) 2010-08-26

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[51] **Int.Cl. B42F 21/08 (2006.01) B42F 21/10 (2006.01)**
[25] EN
[54] **SELECTIVELY DEPLOYABLE TAB INDICATORS**
[54] **INDICATEURS A LANGUETTE POUVANT ETRE SELECTIVEMENT DEPLOYES**
[72] ROWE, MICHAEL D., US
[72] RICHIED, KENNETH P., US
[72] BUSAM, EDWARD P., US
[72] LACHER, ELIZABETH M., US
[73] ACCO BRANDS CORPORATION, US
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[25] EN
[54] **METHOD FOR INCREASING THE PENETRATION DEPTH OF AN OXYGEN STREAM**
[54] **PROCEDE POUR AUGMENTER LA PROFONDEUR DE PENETRATION D'UN JET D'OXYGENE**
[72] KEPPLINGER, LEOPOLD, WERNER, AT
[72] SCHENK, JOHANNES, LEOPOLD, AT
[72] MILLNER, ROBERT, AT
[72] PLAUL, JAN-FRIEDEMANN, AT
[72] WIEDER, KURT, AT
[72] WURM, JOHANN, AT
[73] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
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[13] C
[51] **Int.Cl. A61F 5/448 (2006.01)**
[25] EN
[54] **ADAPTIVE FLOATING FLANGE FOR OSTOMY APPLIANCE**
[54] **BRIDE FLOTTANTE ADAPTATIVE POUR APPAREILLAGE STOMIQUE**
[72] MASTERS, BROCK EDWARD, CA
[73] HOLLISTER INCORPORATED, US
[85] 2013-02-26
[86] 2011-09-02 (PCT/US2011/050293)
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[51] ***Int.Cl. A61K 38/21 (2006.01) A61P 25/00 (2006.01)***
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING FRIEDREICH'S ATAXIA WITH INTERFERON GAMMA**
[54] **COMPOSITIONS ET METHODES POUR TRAITER L'ATAXIE DE FRIEDREICH AVEC L'INTERFERON GAMMA**
[72] TESTI, ROBERTO, IT
[72] TOMASSINI, BARBARA, IT
[73] FRATAGENE THERAPEUTICS SRL, IT
[85] 2013-02-27
[86] 2011-08-30 (PCT/IB2011/002710)
[87] (WO2012/028961)
[30] US (61/378,284) 2010-08-30

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[51] **Int.Cl. A61K 31/352 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **A METHOD OF MANAGING BRONCHO-CONSTRICTIVE CONDITION**
[54] **PROCEDE DE TRAITEMENT D'UNE AFFECTION BRONCHO-CONSTRICTRICE**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2013-01-03
[86] 2011-07-27 (PCT/IB2011/053345)
[87] (WO2012/014165)
[30] IN (2145/MUM/2010) 2010-07-28

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[51] ***Int.Cl. A01N 35/00 (2006.01) A01N 35/02 (2006.01) A01P 21/00 (2006.01)***
[25] EN
[54] **ENHANCEMENT OF POTATO TUBER SPROUTING INHIBITORS USING VARIOUS COMBINATIONS OF AGENTS**
[54] **AMELIORATION D'INHIBITEURS DE GERMINATION DE TUBERCULES DE POMME DE TERRE A L'AIDE DE DIVERSES COMBINAISONS D'AGENTS**
[72] KNOWLES, LISA, US
[72] KNOWLES, NORMAN R., US
[73] WASHINGTON STATE UNIVERSITY, US
[85] 2013-03-01
[86] 2011-09-02 (PCT/US2011/050286)
[87] (WO2012/031174)
[30] US (61/379,473) 2010-09-02

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[13] C
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **IMPROVED GRIPPER ASSEMBLY FOR A COILED TUBING INJECTOR**
[54] **ENSEMBLE ORGANE DE PREHENSION AMELIORE POUR L'INJECTION DE TUBAGES ROULES**
[72] CRNOGORAC, DRAGO, CA
[72] PLESKIE, ALLAN JOSEPH, CA
[72] NIEMCZEWSKI, WOJCIECH (VOYTEK), CA
[72] GOTCH, MATTHEW (MATT), CA
[73] TISSA ENGINEERING INC., CA
[86] (2810382)
[87] (2810382)
[22] 2013-03-26

[11] **2,810,721**
[13] C
[51] **Int.Cl. E21B 47/06 (2012.01)**
[25] EN
[54] **CLUSTERED WELLHEAD TRUNKLINE PROTECTION AND TESTING SYSTEM WITH ESP SPEED CONTROLLER AND EMERGENCY ISOLATION VALVE**
[54] **SYSTEME DE PROTECTION ET DE TEST DE CANALISATION PRINCIPALE DE TETE DE PUITS REGROUPEE AVEC DISPOSITIF DE COMMANDE DE VITESSE ESP ET VANNE D'ISOLEMENT D'URGENCE**
[72] FLANDERS, PATRICK S., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-03-06
[86] 2011-10-13 (PCT/US2011/056145)
[87] (WO2012/054295)
[30] US (61/405,431) 2010-10-21

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[51] **Int.Cl. C10B 49/22 (2006.01) C10B 53/02 (2006.01)**
[25] EN
[54] **FLUIDISED BED PYROLYSIS APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE PYROLYSE EN LIT FLUIDISE**
[72] HEYDENRYCH, MICHAEL DAVID, ZA
[72] SWART, STEPHEN DAVID, ZA
[72] BOATENG, AKWASI ACHEAMPONG, US
[73] UNIVERSITY OF PRETORIA, ZA
[85] 2013-03-06
[86] 2011-09-08 (PCT/ZA2011/000067)
[87] (WO2012/034141)
[30] US (61/381,917) 2010-09-10

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[25] EN
[54] **INTEGRATED ELECTRO-MECHANICAL POWERTRAIN SYSTEM FOR HYBRID VEHICLES**
[54] **SYSTEME MOTOPROPULSEUR ELECTROMECANIQUE INTEGRE POUR VEHICULES HYBRIDES**
[72] SUNTHARALINGAM, PIRANAVAN, CA
[72] EMADI, ALI, CA
[73] MCMASTER UNIVERSITY, CA
[86] (2810942)
[87] (2810942)
[22] 2013-03-26
[30] US (61/615,658) 2012-03-26

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[51] **Int.Cl. F23D 14/22 (2006.01) F23D 14/58 (2006.01) F27B 3/20 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **COMBUSTION DEVICE FOR MELTING FURNACE, AND MELTING FURNACE**
[54] **DISPOSITIF DE COMBUSTION POUR FOUR DE FUSION ET FOUR DE FUSION ASSOCIE**
[72] HIRANO, MAKOTO, JP
[72] INOUE, HITOSHI, JP
[73] OSAKA GAS CO., LTD., JP
[85] 2013-03-14
[86] 2011-02-15 (PCT/JP2011/053149)
[87] (WO2012/035793)
[30] JP (2010-206133) 2010-09-14

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[25] EN
[54] **DRAIN ADAPTOR**
[54] **ADAPTATEUR DE DRAIN**
[72] MAGNO, JOEY D., JR., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2811813)
[87] (2811813)
[22] 2013-04-08
[30] US (61/645,657) 2012-05-11
[30] US (13/776,820) 2013-02-26

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[13] C
[51] **Int.Cl. A01N 37/36 (2006.01) A01N 43/56 (2006.01) A01N 43/60 (2006.01) A01N 47/02 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGAL PEST CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND A 1-(2,6-DICHLORO-.ALPHA., .ALPHA., .ALPHA.-TRIFLUOROPARATOLYL) PYRAZOLE COMPOUND, AND METHOD FOR CONTROLLING FUNGAL PEST**
[54] **COMPOSITION DE CONTROLE DE PARASITES FONGIQUES COMPRENANT DE LA MANDESTROBINE ET UN COMPOSE DE 1-(2,6-DICHLORO-.ALPHA., .ALPHA., .ALPHA.-TRIFLUOROPARATOLYL)PYRAZOLE, ET UN PROCEDEDE CONTROLE DE PARASITES FONGIQUES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-03-20
[86] 2011-10-13 (PCT/JP2011/074093)
[87] (WO2012/050235)
[30] JP (2010-231367) 2010-10-14

[11] **2,812,751**
[13] C
[51] **Int.Cl. C12P 7/64 (2006.01) A61K 31/685 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING 2-ACYL-LYSOPHOSPHATIDYLSERINE AND METHOD FOR PRODUCING THE SAME**
[54] **COMPOSITION CONTENANT DE LA 2-ACYL-LYSOPHOSPHATIDYLSERINE ET SON PROCEDE DE PRODUCTION**
[72] YAZAWA, KAZUNAGA, JP
[72] SUSA, TOMOYUKI, JP
[72] GOTOH, SHOJI, JP
[72] TASHIRO, YASUHITO, JP
[72] KAWASHIMA, JUNICHI, JP
[72] IMAMURA, SHIGEYUKI, JP
[73] NATIONAL UNIVERSITY CORPORATION TOKYO UNIVERSITY OF MARINE SCIENCE AND TECHNOLOGY, JP
[73] MEIJI CO., LTD., JP
[85] 2013-03-26
[86] 2011-09-26 (PCT/JP2011/071900)
[87] (WO2012/043481)
[30] JP (2010-220880) 2010-09-30

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[51] **Int.Cl. A23D 7/05 (2006.01) A23D 9/04 (2006.01) A23D 9/05 (2006.01)**
[25] EN
[54] **CRYOGENIC SPRAY PROCESS**
[54] **PROCEDE DE PULVERISATION CRYOGENIQUE**
[72] ARENDS, BEREND JAN, NL
[72] BEINDORFF, CHRISTIAAN MICHAEL, NL
[72] JANSSEN, JOHANNES JOZEF M., NL
[72] DE MAN, TEUNIS, NL
[73] UNILEVER BCS LIMITED, GB
[85] 2013-03-27
[86] 2011-09-09 (PCT/EP2011/065601)
[87] (WO2012/041682)
[30] EP (10181979.5) 2010-09-29

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[13] C
[51] **Int.Cl. H04W 36/00 (2009.01) H04W 84/04 (2009.01)**
[25] EN
[54] **RESIDENTIAL/ENTERPRISE NETWORK CONNECTION MANAGEMENT AND HANDOVER SCENARIOS**
[54] **GESTION DE CONNEXION DE RESEAU RESIDENTIEL/D'ENTREPRISE ET SCENARIOS DE TRANSFERT INTERCELLULAIRE**
[72] CHIN, CHEN HO, BE
[72] CHOI, NOUN, US
[72] FACCIN, STEFANO, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-27
[86] 2011-09-27 (PCT/US2011/053525)
[87] (WO2012/050845)
[30] US (61/387,323) 2010-09-28

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[13] C
[51] **Int.Cl. A42B 3/22 (2006.01) A42B 3/18 (2006.01)**
[25] EN
[54] **ATTACHMENT SYSTEM FOR FRONTAL HELMET EXTENSION TO A HELMET**
[54] **SYSTEME DE FIXATION POUR EXTENSION DE CASQUE FRONTALE SUR UN CASQUE**
[72] DURHAM, DAVID, US
[72] PRATS, GABRIEL PABLO, US
[73] FOX HEAD, INC., US
[85] 2013-04-02
[86] 2011-10-04 (PCT/US2011/054824)
[87] (WO2012/047936)
[30] US (61/390,111) 2010-10-05

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[13] C
[51] **Int.Cl. C09K 8/035 (2006.01)**
[25] EN
[54] **CLAY INHIBITORS FOR THE DRILLING INDUSTRY**
[54] **INHIBITEURS D'ARGILE POUR L'INDUSTRIE DU FORAGE**
[72] MERLI, LUIGI, IT
[72] GIANI, FRANCESCA, IT
[72] PIROVANO, PIERANGELO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[73] LAMBERTI S.P.A., IT
[85] 2013-04-10
[86] 2011-05-06 (PCT/EP2011/057321)
[87] (WO2011/083182)
[30] IT (VA2010A000076) 2010-10-13

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[13] C
[51] **Int.Cl. F02C 6/20 (2006.01) B64D 31/00 (2006.01) F02C 9/44 (2006.01)**
[25] FR
[54] **METHOD OF OPTIMIZING THE SPECIFIC FUEL CONSUMPTION OF A TWIN ENGINE HELICOPTER AND TWIN ENGINE ARCHITECTURE WITH CONTROL SYSTEM FOR IMPLEMENTING IT**
[54] **PROCEDE D'OPTIMISATION DE LA CONSOMMATION SPECIFIQUE D'UN HELICOPTERE BIMOTEUR ET ARCHITECTURE BIMOTEUR A SYSTEME DE REGULATION POUR SA MISE EN OEUVRE**
[72] MARCONI, PATRICK, FR
[72] THIRIET, ROMAIN, FR
[73] TURBOMECA, FR
[85] 2013-04-10
[86] 2011-10-28 (PCT/FR2011/052532)
[87] (WO2012/059671)
[30] FR (1059065) 2010-11-04
[30] FR (1151717) 2011-03-03

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[13] C
[51] **Int.Cl. A21B 3/13 (2006.01)**
[25] EN
[54] **BAKING PAN**
[54] **MOULE**
[72] WILKINSON, IAN, CN
[73] WHAT MORE UK LIMITED, GB
[85] 2013-04-12
[86] 2011-08-31 (PCT/GB2011/051635)
[87] (WO2012/049467)
[30] GB (1017347.4) 2010-10-14
[30] GB (1018915.7) 2010-11-09
[30] GB (1101798.5) 2011-02-02

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[13] C
[51] **Int.Cl. B65H 45/24 (2006.01) A47K 10/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **STACK OF INTERFOLDED ABSORBENT SHEET PRODUCTS**
[54] **EMPILEMENT DE PRODUITS EN FEUILLES ABSORBANTS PLIES DE FACON ENTRELACEE**
[72] FORMON, JOHN S., US
[72] ALBRECHT, FREDERICK R., US
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2013-04-12
[86] 2011-10-28 (PCT/SE2011/051286)
[87] (WO2012/057694)
[30] US (12/915,939) 2010-10-29

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[13] C
[51] **Int.Cl. A47F 1/12 (2006.01)**
[25] EN
[54] **SHELF UNIT AND SHELVING SYSTEM**
[54] **ENSEMBLE ETAGERE ET SYSTEME DE REMPLISSAGE D'ETAGERES**
[72] ANDERSEN, JOHN, NO
[72] SJOLANDER, HAKAN, SE
[73] ENJOY GROUP AB, SE
[85] 2013-04-19
[86] 2011-10-13 (PCT/EP2011/067892)
[87] (WO2012/049249)
[30] EP (10187542.5) 2010-10-14

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[13] C
[51] **Int.Cl. F16L 15/00 (2006.01) E21B 17/042 (2006.01) F16L 15/06 (2006.01)**
[25] EN
[54] **THREADED CONNECTIONS AND METHODS**
[54] **RACCORDS VISSES ET PROCEDES ASSOCIES**
[72] SCHULTE, WARREN HAROLD, US
[72] REECE, AUBREY COY, US
[73] HOUSTON INTERNATIONAL SPECIALTY, INC., US
[85] 2013-04-19
[86] 2011-10-20 (PCT/US2011/001785)
[87] (WO2012/054083)
[30] US (12/925,430) 2010-10-21

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[13] C
[51] **Int.Cl. G01R 33/02 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A MAGNETIC FIELD USING A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UN CHAMP MAGNETIQUE AU MOYEN D'UN DISPOSITIF MOBILE**
[72] CARMEL-VEILLEUX, TENNESSEE, CA
[72] OLIVER, ROBERT GEORGE, CA
[72] ALMALKI, NAZIH, CA
[72] BUCHANAN, NATHAN DANIEL POZNIAK, CA
[73] BLACKBERRY LIMITED, CA
[86] (2815540)
[87] (2815540)
[22] 2013-05-10
[30] EP (12169636.3) 2012-05-25

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[13] C
[51] **Int.Cl. B66B 11/02 (2006.01)**
[25] EN
[54] **LIFT INSTALLATION**
[54] **INSTALLATION D'ASCENSEUR**
[72] CORTONA, ELENA, CH
[72] SCHMID, FRANKIE, CH
[73] INVENTIO AG, CH
[85] 2013-04-24
[86] 2011-10-20 (PCT/EP2011/068310)
[87] (WO2012/055747)
[30] EP (10188732.1) 2010-10-25

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[13] C
[51] **Int.Cl. H05H 1/28 (2006.01) H05H 1/34 (2006.01)**
[25] EN
[54] **ELECTRODE FOR PLASMA TORCH WITH NOVEL ASSEMBLY METHOD AND ENHANCED HEAT TRANSFER**
[54] **ELECTRODE POUR CHALUMEAU AU PLASMA AVEC PROCEDE D'ASSEMBLAGE NOUVEAU ET TRANSFERT DE CHALEUR AMELIORE**
[72] ASHTEKAR, KOUSTUBH D., US
[72] GRIFFIN, DAVID C., US
[72] DIEHL, GREGORY W., US
[72] WIERSEMA, DALE T., US
[73] THE ESAB GROUP, INC., US
[85] 2013-04-30
[86] 2011-09-01 (PCT/US2011/050121)
[87] (WO2012/074591)
[30] US (12/957,695) 2010-12-01

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[13] C
[51] **Int.Cl. G10L 21/00 (2013.01)**
[25] EN
[54] **ADAPTIVE PROCESSING WITH MULTIPLE MEDIA PROCESSING NODES**
[54] **TRAITEMENT ADAPTATIF EN RAPPORT AVEC UNE PLURALITE DE NOEUDS DE TRAITEMENT DE DONNEES MULTIMEDIAS**
[72] RIEDMILLER, JEFFREY, US
[72] RADHAKRISHNAN, REGUNATHAN, US
[72] PRIBADI, MARVIN, US
[72] FARAHANI, FARHAD, US
[72] SMITHERS, MICHAEL, AU
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2013-05-02
[86] 2011-12-01 (PCT/US2011/062828)
[87] (WO2012/075246)
[30] US (61/419,747) 2010-12-03
[30] US (61/558,286) 2011-11-10

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[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01) C12M 1/34 (2006.01) G01N 33/569 (2006.01)**
[25] FR
[54] **DEVICE FOR DETECTING A FUNGAL CONTAMINATION**
[54] **DISPOSITIF DE DETECTION D'UNE CONTAMINATION FONGIQUE**
[72] MOULARAT, STEPHANE, FR
[72] JOBLIN, YAEL, FR
[72] ROBINE, ENRIC, FR
[73] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR
[85] 2013-05-06
[86] 2011-11-22 (PCT/FR2011/052720)
[87] (WO2012/069752)
[30] FR (10 59636) 2010-11-23

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[13] C
[51] **Int.Cl. C08G 63/08 (2006.01) B65D 65/02 (2006.01) C08G 18/48 (2006.01) C08G 63/78 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **POLYLACTIC ACID RESIN, PREPARATION METHOD THEREOF, AND PACKAGING FILM COMPRISING THE SAME**
[54] **RESINE D'ACIDE POLYLACTIQUE, PROCEDE POUR LA PREPARER ET FILM D'EMBALLAGE LA COMPRENANT**
[72] YOO, YOUNG-MAN, KR
[72] LEE, TAE-WOONG, KR
[72] LEE, KYE-YUNE, KR
[72] CHUNG, JAE-IL, KR
[73] SK CHEMICALS CO., LTD., KR
[85] 2013-05-07
[86] 2011-11-02 (PCT/KR2011/008307)
[87] (WO2012/064043)
[30] KR (10-2010-0110547) 2010-11-08
[30] KR (10-2010-0111767) 2010-11-10
[30] KR (10-2010-0111766) 2010-11-10
[30] KR (10-2010-0130226) 2010-12-17
[30] KR (10-2010-0130218) 2010-12-17
[30] KR (10-2010-0130217) 2010-12-17
[30] KR (10-2010-0130216) 2010-12-17
[30] KR (10-2010-0130215) 2010-12-17

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[13] C
[51] **Int.Cl. A61K 31/133 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HYPERPROLIFERATIVE DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES HYPERPROLIFERATIFS**
[72] MAURER, BARRY JAMES, US
[72] REYNOLDS, CHARLES PATRICK, US
[73] TEXAS TECH UNIVERSITY, US
[86] (2817198)
[87] (2817198)
[22] 2010-11-12
[62] 2,812,929
[30] US (61/260,595) 2009-11-12

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[13] C
[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ELONGATED EXPANDABLE MEMBER FOR OCCLUDING VARICOSE VEINS**
[54] **ELEMENT EXPANSIBLE ALLONGE POUR OCCLURE DES VARICES**
[72] ROOT, HOWARD, US
[72] MURTO, JAMES, US
[72] PENEGOR, STEPHEN, US
[72] SUTTON, GREGG, US
[73] TELEFLEX INNOVATIONS S.A.R.L., LU
[85] 2013-05-30
[86] 2012-11-01 (PCT/US2012/063101)
[87] (WO2014/120185)
[30] US (13/310,503) 2011-12-02

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[13] C
[51] **Int.Cl. A61L 24/00 (2006.01) A61L 24/06 (2006.01) A61L 27/16 (2006.01) A61L 27/46 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **BIOMATERIAL AND METHOD FOR ITS REALISATION**
[54] **BIOMATERIAU ET PROCEDE POUR SA REALISATION**
[72] FACCIOLI, GIOVANNI, IT
[72] SOFFIATTI, RENZO, IT
[73] TECRES S.P.A., IT
[85] 2013-05-13
[86] 2010-12-14 (PCT/IB2010/055815)
[87] (WO2012/080782)

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[13] C
[51] **Int.Cl. C07D 311/58 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF NEBIVOLOL**
[54] **PROCEDE DE PREPARATION DE NEBIVOLOL**
[72] MAURO, SANDRO, IT
[72] FATTORI, DANIELA, IT
[72] D'ANDREA, PIERO, IT
[72] CIPOLLONE, AMALIA, IT
[73] MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A., LU
[85] 2013-05-17
[86] 2011-11-30 (PCT/IB2011/055385)
[87] (WO2012/095707)
[30] IT (RM2010A000622) 2010-11-30

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[13] C
[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/14 (2006.01)**
[25] EN
[54] **SHOPPING CART SHELF**
[54] **TABLETTE DE CHARIOT D'ACHAT**
[72] TAYLOR, CURTIS, US
[72] HANSON, MAT, US
[73] LIFT2SELL, LLC, US
[85] 2013-05-23
[86] 2011-12-12 (PCT/US2011/064366)
[87] (WO2012/082595)
[30] US (61/422,375) 2010-12-13
[30] US (61/452,318) 2011-03-14

[11] **2,818,995**
[13] C
[51] **Int.Cl. E04C 5/01 (2006.01)**
[25] EN
[54] **STEEL FIBRE FOR REINFORCING CONCRETE OR MORTAR HAVING AN ANCHORAGE END WITH AT LEAST THREE STRAIGHT SECTIONS**
[54] **FIBRE D'ACIER DESTINEE AU RENFORCEMENT DU BETON OU DU MORTIER, DOTEE D'UNE EXTREMITE D'ANCRAGE COMPRENANT AU MOINS TROIS SEGMENTS DROITS**
[72] LAMBRECHTS, ANN, BE
[72] VAN HAEKE, MARTIN, BE
[73] NV BEKAERT SA, BE
[85] 2013-05-24
[86] 2011-12-14 (PCT/EP2011/072744)
[87] (WO2012/080323)
[30] EP (10195105.1) 2010-12-15

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[13] C
[51] **Int.Cl. C07D 231/20 (2006.01) A61K 31/415 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUNDS HAVING THERAPEUTIC EFFECT ON MULTIPLE MYELOMA**
[54] **COMPOSE PYRAZOLE AYANT UN EFFET THERAPEUTIQUE SUR LE MYELOME MULTIPLE**
[72] NISHINO, TAITO, JP
[72] MIYAJI, KATSUAKI, JP
[72] IWAMOTO, SHUNSUKE, JP
[72] MIKASHIMA, TAKUMI, JP
[72] SARUHASHI, KOICHIRO, JP
[72] KISHIKAWA, YO, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2013-05-28
[86] 2011-12-01 (PCT/JP2011/077829)
[87] (WO2012/074067)
[30] JP (2010-268758) 2010-12-01
[30] JP (2011-217818) 2011-09-30

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[25] EN
[54] **SUBSTITUTED PURINE AND 7-DEAZAPURINE COMPOUNDS**
[54] **COMPOSES PURINES ET 7-DEAZAPURINES SUBSTITUEES EN TANT QUE MODULATEURS D'ENZYMES EPIGENIQUES**
[72] OLHAVA, EDWARD JAMES, US
[72] CHESWORTH, RICHARD, US
[72] KUNTZ, KEVIN WAYNE, US
[72] RICHON, VICTORIA MARIE, US
[72] POLLOCK, ROY MACFARLANE, US
[72] DAIGLE, SCOTT RICHARD, US
[73] EPIZYME, INC., US
[85] 2013-05-31
[86] 2011-12-02 (PCT/US2011/063044)
[87] (WO2012/075381)
[30] US (61/419,661) 2010-12-03

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[13] C
[51] **Int.Cl. B21D 37/04 (2006.01) B21D 37/20 (2006.01)**
[25] EN
[54] **GAS SPRING MOUNTING ASSEMBLY AND METHOD FOR METAL FORMING DIES**
[54] **ENSEMBLE DE MONTAGE DE RESSORT A GAZ ET PROCEDE POUR MATRICES DE FORMATION DE METAL**
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[73] STANDARD LIFTERS, INC., US
[85] 2013-06-04
[86] 2011-12-21 (PCT/US2011/066431)
[87] (WO2012/088242)
[30] US (61/425,376) 2010-12-21
[30] US (13/331,276) 2011-12-20

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[13] C
[51] **Int.Cl. B21D 37/04 (2006.01) B21D 37/20 (2006.01)**
[25] EN
[54] **GAS SPRING MOUNTING ASSEMBLY AND METHOD FOR METAL FORMING DIES**
[54] **ENSEMBLE DE MONTAGE DE RESSORT A GAZ ET PROCEDE POUR MATRICES DE FORMATION DE METAL**
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[73] STANDARD LIFTERS, INC., US
[85] 2013-06-04
[86] 2011-12-21 (PCT/US2011/066433)
[87] (WO2012/088244)
[30] US (61/425,372) 2010-12-21
[30] US (13/331,167) 2011-12-20

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[13] C
[51] **Int.Cl. B65H 35/02 (2006.01) B65H 23/038 (2006.01) B65H 27/00 (2006.01) B65H 37/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING PARTIAL WEBS IN A SLITTER WINDER**
[54] **PROCEDE DE SEPARATION DE BANDES PARTIELLES DANS UNE FENDEUSE-ENROULEUSE**
[72] FOHR, HEIKKI, FI
[72] VUORISTO, TOMMI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2820162)
[87] (2820162)
[22] 2013-06-21
[30] EP (12182171.4) 2012-08-29

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[13] C
[51] **Int.Cl. A42B 3/04 (2006.01)**
[25] EN
[54] **HELMET WITH REAR ADJUSTMENT MECHANISM**
[54] **CASQUE EQUIPE D'UN MECANISME D'AJUSTEMENT ARRIERE**
[72] BEAUCHAMP, PIERRE-LUC, CA
[72] MARTIN, PHILIPPE, CA
[72] BERGERON, SIMON, CA
[73] SPORT MASKA INC., CA
[86] (2820278)
[87] (2820278)
[22] 2013-06-28

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[13] C
[51] **Int.Cl. A61K 35/20 (2006.01) A61P 15/02 (2006.01)**
[25] EN
[54] **MULTIPURPOSE GEL FOR VAGINAL DRYNESS WITH DIRECT AND DELAYED EFFECT**
[54] **GEL A BUTS MULTIPLES CONTRE LA SECHERESSE VAGINALE PRESENTANT UN EFFET DIRECT ET PROLONGE**
[72] BARTORELLI, ALBERTO, CH
[72] GOBBI, MARIA ROSA, IT
[73] ZAMBON S.P.A., IT
[85] 2013-06-06
[86] 2011-12-02 (PCT/EP2011/071612)
[87] (WO2012/076409)
[30] IT (MI2010A002260) 2010-12-09

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[51] **Int.Cl. H01M 8/2418 (2016.01) H01M 8/04014 (2016.01)**
[25] FR
[54] **IMPROVED ELECTROCHEMICAL CONVERTER**
[54] **CONVERTISSEUR ELECTROCHIMIQUE PERFECTIONNE**
[72] FORTE, PIERRE, FR
[72] LEPILLER, CATHERINE, FR
[73] PRAGMA INDUSTRIES, FR
[85] 2013-06-06
[86] 2011-04-08 (PCT/FR2011/050798)
[87] (WO2011/124863)
[30] FR (1052660) 2010-04-08

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[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **DATA RETENTION MANAGEMENT**
[54] **GESTION DE LA RETENTION DE DONNEES**
[72] FREEMAN, ROLAND N., US
[72] PATEL, DEPTI, US
[72] VINUELAS, LUIS A., US
[73] THE BOEING COMPANY, US
[86] (2820685)
[87] (2820685)
[22] 2013-06-20
[30] US (13/593,808) 2012-08-24

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[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) G06F 15/16 (2006.01)**
[25] EN
[54] **AUGMENTING PERSONAL AVAILABILITY USING A MOBILE DEVICE**
[54] **AUGMENTATION DE LA DISPONIBILITE PERSONNELLE A L'AIDE D'UN DISPOSITIF MOBILE**
[72] ESTEVE BALDUCCI, JUAN V., US
[72] MILLER, QUENTIN S., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-06-07
[86] 2011-12-07 (PCT/US2011/063741)
[87] (WO2012/082490)
[30] US (12/970,020) 2010-12-16

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[13] C
[51] **Int.Cl. A45C 13/26 (2006.01) A45F 3/04 (2006.01) A45F 5/10 (2006.01)**
[25] EN
[54] **HANDLE FOR LUGGAGE**
[54] **POIGNEE POUR BAGAGE**
[72] SENER, JAMES T., US
[72] HAGEMAN, CHRISTOPHER D., US
[72] MATHIEU, DAVID L., US
[72] SMITH, SCOTT, US
[73] TRAVELPRO PRODUCTS, INC., US
[85] 2013-06-11
[86] 2011-10-21 (PCT/US2011/057207)
[87] (WO2012/058103)
[30] US (61/407,971) 2010-10-29

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[13] C
[51] **Int.Cl. C10B 49/20 (2006.01) C10B 7/10 (2006.01)**
[25] EN
[54] **COMPACT FAST PYROLYSIS SYSTEM FOR CONVERSION OF CARBONACOUS MATERIALS TO LIQUID, SOLID AND GAS**
[54] **DISPOSITIF COMPACT DE PYROLYSE RAPIDE POUR LA CONVERSION DE MATIERES CARBONEES EN LIQUIDE, SOLIDE ET GAZ**
[72] FRANSHAM, PETER, CA
[72] LEGGETT, CORY, CA
[72] LEGGETT, HENRY, CA
[73] ABRI-TECH INC., CA
[86] (2821474)
[87] (2821474)
[22] 2013-07-19

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[13] C
[51] **Int.Cl. C07D 519/00 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) C07C 69/34 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **MULTI-API LOADING PRODRUGS**
[54] **PROMEDICAMENTS CHARGES DE MULTIPLES PRINCIPES ACTIFS**
[72] ZEIDAN, TAREK A., US
[72] BLUMBERG, LAURA COOK, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2013-06-19
[86] 2011-12-22 (PCT/US2011/066900)
[87] (WO2012/088441)
[30] US (61/427,026) 2010-12-23

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[13] C
[51] **Int.Cl. A01G 9/02 (2018.01) A01G 9/20 (2006.01)**
[25] EN
[54] **GROWTH CONTAINER**
[54] **RECIPIENT POUR CROISSANCE**
[72] SALOJARVI, JOUNI, FI
[72] SOKKA, MIKA, FI
[72] MASALIN, PETTERI, FI
[73] FISKARS BRANDS FINLAND OY AB, FI
[86] (2822948)
[87] (2822948)
[22] 2013-07-31
[30] FI (20125839) 2012-08-13

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[11] **2,823,588**
[13] C
[51] **Int.Cl. G02B 1/16 (2015.01) C09K 3/16 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING ANTISTATIC UV CURABLE HARDCOATINGS ON OPTICAL ARTICLES**
[54] **PROCEDE DE PREPARATION DE COUCHES DURES ANTISTATIQUES DURCISSABLES SOUS UV SUR DES ARTICLES D'OPTIQUE**
[72] VALERI, ROBERT, US
[73] ESSILOR INTERNATIONAL, FR
[85] 2013-07-02
[86] 2011-01-04 (PCT/US2011/020111)
[87] (WO2012/093995)

[11] **2,823,978**
[13] C
[51] **Int.Cl. C08J 3/12 (2006.01) B01J 2/02 (2006.01) C08F 2/00 (2006.01) C08F 12/08 (2006.01) C08F 16/06 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING UNIFORM POLYMER BEADS OF VARIOUS SIZES**
[54] **PROCEDE DE PRODUCTION DE BILLES POLYMERES UNIFORMES DE TAILLE VARIEE**
[72] FUKUDA, JUNJI, JP
[72] BURT, ADRIAN, GB
[72] KOSVINTSEV, SERGUEI RUDOLFOVICH, GB
[73] PUROLITE CORPORATION, US
[85] 2013-07-03
[86] 2012-01-06 (PCT/US2012/020484)
[87] (WO2012/094595)
[30] US (61/430,748) 2011-01-07

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[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/234 (2011.01) H04N 21/2343 (2011.01) G06F 11/00 (2006.01) G08B 13/196 (2006.01) H04L 12/24 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **AN INTEGRATED INTELLIGENT SERVER BASED SYSTEM AND METHOD/SYSTEMS ADAPTED TO FACILITATE FAIL-SAFE INTEGRATION AND/OR OPTIMIZED UTILIZATION OF VARIOUS SENSORY INPUTS**
[54] **SYSTEME BASE SUR UN SERVEUR INTELLIGENT INTEGRE ET PROCEDE/SYSTEMES CONCUS POUR FACILITER L'INTEGRATION A SECURITE INTEGREE ET/OU L'UTILISATION OPTIMISEE DE DIVERSES ENTREES OBTENUES PAR CAPTEUR**
[72] ACHARYA, TINKU, IN
[72] BHATTACHARYYA, DIPAK, IN
[72] BOSE, TUHIN, IN
[72] DALAL, TUTAI KUMAR, IN
[72] DAS, SAWAN, IN
[72] DHAR, SOUMYADEEP, IN
[72] MAITY, SOUMYADIP, IN
[73] VIDEONETICS TECHNOLOGY PRIVATE LIMITED, IN
[85] 2013-07-10
[86] 2012-01-10 (PCT/IN2012/000029)
[87] (WO2012/095867)
[30] IN (33/KOL/2011) 2011-01-12

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[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/14 (2012.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING A SESSION INVOLVING A PLURALITY OF SOFTWARE APPLICATIONS**
[54] **PROCEDE ET SYSTEME DE CREATION D'UNE SESSION IMPLIQUANT UNE PLURALITE D'APPLICATIONS LOGICIELLES**
[72] DOR, PIERRE, FR
[72] FAUSER, DIETMAR, FR
[72] DANIEL, JEROME, FR
[72] MONBEL, STEPHANE, FR
[72] DEGUET, CYRIL, FR
[73] AMADEUS S.A.S., FR
[85] 2013-07-10
[86] 2012-03-15 (PCT/EP2012/054563)
[87] (WO2012/123544)
[30] EP (11305281.5) 2011-03-15
[30] US (13/065,312) 2011-03-18

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[13] C
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **SETUP WIZARD FOR AGRICULTURAL EQUIPMENT**
[54] **GUIDE DE CONFIGURATION D'UN EQUIPEMENT AGRICOLE**
[72] PRICKEL, MARVIN, US
[72] STRATTON, JOHN, US
[72] WEISBERG, PAUL, US
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2824409)
[87] (2824409)
[22] 2013-08-22
[30] US (13/737,402) 2013-01-09

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[13] C
[51] **Int.Cl. B64C 3/56 (2006.01) F16C 11/10 (2006.01)**
[25] EN
[54] **WING HINGE ASSEMBLY INCLUDING HINGED TORQUE BOXES**
[54] **ENSEMBLE CHARNIERE D'AILE COMPRENANT DES CAISSONS DE TORSION ARTICULES**
[72] GOOD, MARK S., US
[72] WALKER, STEVEN PAUL, US
[73] THE BOEING COMPANY, US
[86] (2824820)
[87] (2824820)
[22] 2013-08-23
[30] US (13/664, 371) 2012-10-30

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[11] **2,825,855**
[13] C
[51] **Int.Cl. F27B 9/28 (2006.01) C21D 9/56 (2006.01) F27B 9/40 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A PROTECTIVE GAS ATMOSPHERE IN A PROTECTIVE GAS CHAMBER FOR THE TREATMENT OF A METAL STRIP**
[54] **PROCEDE POUR LE CONTROLE D'UNE ATMOSPHERE DE GAZ DE PROTECTION DANS UNE CHAMBRE DE GAZ DE PROTECTION POUR LE TRAITEMENT D'UNE BANDE METALLIQUE**
[72] HAMMAN, MARTIN, FR
[72] VALLEE, JEROME, FR
[73] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[85] 2013-07-26
[86] 2012-01-30 (PCT/AT2012/000013)
[87] (WO2012/103563)
[30] AT (A 152/2011) 2011-02-04

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[13] C
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF PREPARATION OF CONJUGATES**
[54] **PROCEDES DE PREPARATION DE CONJUGUES**
[72] FISHKIN, NATHAN, US
[72] MILLER, MICHAEL, US
[72] LI, WEI, US
[72] SINGH, RAJEEVA, US
[73] IMMUNOGEN, INC., US
[85] 2013-07-26
[86] 2012-02-15 (PCT/US2012/025257)
[87] (WO2012/112687)
[30] US (61/443,062) 2011-02-15
[30] US (61/443,092) 2011-02-15
[30] US (61/483,499) 2011-05-06

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[13] C
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURING AN OBJECT TO BONE**
[54] **PROCEDE ET APPAREIL POUR FIXER UN OBJET A UN OS, Y COMPRIS LA FOURNITURE ET L'UTILISATION D'UN NOUVEL ENSEMBLE DE SUTURE POUR FIXER UN OBJET A UN OS**
[72] MCDEVITT, DENNIS, US
[72] NOVAK, VINCENT, US
[73] LINVATEC CORPORATION, US
[85] 2013-08-15
[86] 2012-02-16 (PCT/US2012/025480)
[87] (WO2012/112793)
[30] US (61/443,342) 2011-02-16
[30] US (61/443,325) 2011-02-16
[30] US (13/093,634) 2011-04-25

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[11] **2,827,675**
[13] C
[51] **Int.Cl. C09J 109/06 (2006.01) C09J 11/00 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE HOT MELT ADHESIVES FOR DISPOSABLE ARTICLES WITH HIGH CREEP RESISTANCE**
[54] **ADHESIFS THERMOFUSIBLES A BASSE TEMPERATURE POUR DES ARTICLES JETABLES DOTES D'UNE RESISTANCE AU FLUAGE ELEVEE**
[72] HU, YUHONG, US
[72] XENIDOU, MARIA, DE
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2013-08-16
[86] 2012-02-17 (PCT/US2012/025609)
[87] (WO2012/112870)
[30] US (61/444,242) 2011-02-18

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[13] C
[51] **Int.Cl. A61H 1/02 (2006.01) A61F 2/60 (2006.01) A61F 2/72 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **GAIT TRAINING DEVICE AND GAIT TRAINING SYSTEM**
[54] **DISPOSITIF ET SYSTEME D'ENTRAINEMENT A LA MARCHE**
[72] SANKAI, YOSHIYUKI, JP
[72] HAYASHI, TOMOHIRO, JP
[73] UNIVERSITY OF TSUKUBA, JP
[73] CYBERDYNE INC., JP
[85] 2013-08-27
[86] 2012-03-01 (PCT/JP2012/055223)
[87] (WO2012/118143)
[30] JP (2011-045318) 2011-03-02

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[11] **2,828,561**
[13] C
[51] **Int.Cl. A61K 31/732 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ACTIVATION OF HUMAN T-HELPER/INDUCER CELL, T-CYTOTOXIC/SUPPRESSOR CELL, B-CELL, AND NATURAL KILLER (NK)-CELLS AND INDUCTION OF NATURAL KILLER CELL ACTIVITY AGAINST K562 CHRONIC MYELOID LEUKEMIA CELLS WITH MODIFIED CITRUS PECTIN**
[54] **ACTIVATION DE CELLULE T AUXILIAIRE/INDUCTRICE HUMAINE, DE CELLULE T-CYTOTOXIQUE/SUPPRESSEUR, CELLULE B ET CELLULES TUEUSES NATURELLES (NK) ET INDUCTION D'ACTIVITE DE CELLULE TUEUSE NATURELLE CONTRE LES CELLULES DE LA LEUCEMIE MYELOIDE CHRONIQUE K562 AU MOYEN DE PECTINE D'AGRUME MODIFIEE**
[72] ELIAZ, ISAAC, US
[73] ECONUGENICS, INC., US
[85] 2013-08-28
[86] 2012-02-28 (PCT/US2012/026861)
[87] (WO2012/161836)
[30] US (61/447,138) 2011-02-28

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[13] C
[51] **Int.Cl. F41G 3/06 (2006.01)**
[25] EN
[54] **FIREARM, AIMING SYSTEM THEREFOR, METHOD OF OPERATING THE FIREARM AND METHOD OF REDUCING THE PROBABILITY OF MISSING A TARGET**
[54] **ARME A FEU, SYSTEME DE VISEE POUR CELLE-CI, PROCEDE D'UTILISATION DE L'ARME A FEU ET PROCEDE POUR REDUIRE LA PROBABILITE DE MANQUER UNE CIBLE**
[72] EHRLICH, AVSHALOM, IL
[73] SMART SHOOTER LTD., IL
[85] 2013-09-09
[86] 2012-03-22 (PCT/IB2012/051389)
[87] (WO2012/131548)
[30] IL (211966) 2011-03-28

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[13] C
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 39/165 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 14/12 (2006.01) C07K 14/15 (2006.01) C07K 14/16 (2006.01) C12N 7/01 (2006.01) C12N 15/45 (2006.01) C12N 15/48 (2006.01) C12N 15/49 (2006.01)**
[25] EN
[54] **RECOMBINANT MEASLES VIRUSES EXPRESSING EPITOPES OF ANTIGENS OF RNA VIRUSES - USE FOR THE PREPARATION OF VACCINE COMPOSITIONS**
[54] **VIRUS DE LA ROUGEOLE RECOMBINES EXPRIMANT LES EPITOPES D'ANTIGENES D'ARN VIRUS, ET UTILISATION DANS LA PREPARATION DE COMPOSITIONS VACCINALES**
[72] TANGY, FREDERIC, FR
[72] LORIN, CLARISSE, FR
[72] MOLLET, LUCILE, FR
[72] DELEBECQUE, FREDERIC, FR
[73] INSTITUT PASTEUR, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[86] (2829581)
[87] (2829581)
[22] 2003-06-20
[62] 2,493,834
[30] EP (02291550.8) 2002-06-20

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[13] C
[51] **Int.Cl. F16L 37/12 (2006.01)**
[25] EN
[54] **QUICK CONNECTOR**
[54] **RACCORD RAPIDE**
[72] PARKS, BRIAN A., US
[72] LUTZKE, MATTHEW D., US
[73] A. RAYMOND ET CIE, FR
[85] 2013-09-12
[86] 2012-03-16 (PCT/US2012/029405)
[87] (WO2012/154298)
[30] US (61/454,058) 2011-03-18

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[13] C
[51] **Int.Cl. A61B 17/11 (2006.01) A61F 2/06 (2013.01) A61M 39/10 (2006.01) A61M 1/10 (2006.01)**
[25] FR
[54] **PROSTHESIS FOR CONNECTING AN ANATOMICAL DUCT**
[54] **PROTHESE POUR ASSURER LE RACCORDEMENT D'UN CANAL ANATOMIQUE**
[72] DA CRUZ LOURO, PIERRE, FR
[73] CARMAT, FR
[85] 2013-09-20
[86] 2012-03-05 (PCT/FR2012/050449)
[87] (WO2012/127145)
[30] FR (1152364) 2011-03-22

[11] **2,831,199**
[13] C
[51] **Int.Cl. B64C 3/56 (2006.01) F16C 11/10 (2006.01)**
[25] EN
[54] **WING FOLD SYSTEM WITH LATCH PINS THROUGH MULTIPLE MATING LUGS**
[54] **SYSTEME DE RABATTEMENT D'AILE AVEC GOUPILLES DE VERROUILLAGE A TRAVERS DE MULTIPLES CRANS HOMOLOGUES**
[72] GOOD, MARK STEVEN, US
[72] KORDEL, JAN A., US
[72] PIETERSEN, QUENTIN THEODOR, US
[72] WALKER, STEVEN PAUL, US
[72] JONES, KELLY THOMAS, US
[72] LASSEN, MATTHEW AUGUST, US
[72] HANSKEN, RICKIE, US
[73] THE BOEING COMPANY, US
[86] (2831199)
[87] (2831199)
[22] 2013-10-22
[30] US (US 14/049,425) 2013-10-09
[30] US (US 61/720,345) 2012-10-30
[30] US (US 13/664,416) 2012-10-30

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[13] C
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[25] EN
[54] **NOVEL PROCESS AND CATALYST SYSTEM FOR IMPROVING DEWAXING CATALYST STABILITY AND LUBRICANT OIL YIELD**
[54] **NOUVEAU PROCEDE ET SYSTEME CATALYTIQUE DESTINES A AMELIORER LA STABILITE D'UN CATALYSEUR DE DEPARAFFINAGE ET LE RENDEMENT EN HUILE LUBRIFIANTE**
[72] KRISHNA, KAMALA R., US
[72] ZIEMER, JAMES N., US
[72] RAINIS, ANDREW, US
[72] BISCARDI, JOSEPH A., US
[72] HARRIS, THOMAS V., US
[73] CHEVRON U.S.A. INC., US
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[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **COMMUNICATIONS NETWORK, COMPUTER SYSTEM, COMPUTER-IMPLEMENTED METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING A FEMTOCELL-BASED INFRASTRUCTURE FOR MOBILE ELECTRONIC PAYMENT**
[54] **RESEAU DE COMMUNICATION, SYSTEME INFORMATIQUE, METHODE IMPLANTEE PAR ORDINATEUR ET PRODUIT DE PROGRAMME INFORMATIQUE POUR FOURNIR UNE INFRASTRUCTURE A BASE DE FEMTOCELLULE POUR LEPAIEMENT ELECTRONIQUE MOBILE**
[72] CAPUOZZO, GIUSEPPE, IT
[72] D'ANGELO, GIANLUCA, IT
[72] ONORATO, ORLANDO, IT
[72] IMPARATO, ALESSANDRO, IT
[72] D'ERRICO, DANIELE, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **POSITION SENSING DEVICE FOR TRANSIT SHAFT AND ARM ASSEMBLY**
[54] **DISPOSITIF DE DETECTION DE POSITION POUR UN ENSEMBLE AXE ET BRAS DE TRANSIT**
[72] CHAPMAN, MATTHEW, US
[73] WABTEC HOLDING CORP., US
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[54] **METHOD AND DEVICE FOR CAPTURING FINGERPRINTS WITH RELIABLY HIGH QUALITY BASED ON FINGERPRINT SCANNERS**
[54] **PROCEDE ET DISPOSITIF DE SAISIE D'EMPREINTES DIGITALES D'UNE QUALITE ELEVEE FIABLE EN FONCTION DE DETECTEURS D'EMPREINTES DIGITALES**
[72] WOLFER, ROBERTO, DE
[72] BAUERMEISTER, ANDREAS, DE
[73] CROSS MATCH TECHNOLOGIES GMBH, DE
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[54] **SYSTEM AND METHOD FOR INSPECTING STRUCTURES FORMED OF COMPOSITE MATERIALS DURING THE FABRICATION THEREOF**
[54] **SYSTEME ET PROCEDE POUR EXAMINER DES STRUCTURES FORMEES DE MATERIAUX COMPOSITES DURANT LEUR FABRICATION**
[72] TOLEDANO, ILAN, IL
[73] ISRAEL AEROSPACE INDUSTRIES LTD., IL
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[54] **PROCEDE POUR LA PRODUCTION D'INTERMEDIAIRES D'ESTETROL**
[72] PASCAL, JEAN-CLAUDE, FR
[73] ESTETRA S.P.R.L., BE
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[54] **TISSU MULTICOUCHE, SON UTILISATION ET PROCEDE DE FABRICATION DE COMPOSITES**
[72] CRAMER, JOHANNES, DE
[73] C. CRAMER, WEBEREI, HEEK-NIENBORG, GMBH & CO. KG, DE
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[54] **METHOD AND SYSTEM OF RECOVERING ENERGY FROM A FLOW OF OIL SANDS SLURRY**
[54] **PROCEDE ET SYSTEME POUR RECUPERER DE L'ENERGIE D'UN ECOULEMENT DE BOUE DE SABLES BITUMINEUX**
[72] ODEGARD, MARK L., CA
[73] SUNCOR ENERGY INC., CA
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[54] **INTERFACE UTILISATEUR DE NAVIGATION PRENANT EN CHARGE UNE EXPERIENCE DE NAVIGATION AXEE SUR LES PAGES, TACTILE OU BASEE SUR LES GESTES**
[72] MANDIC, MIRKO, US
[72] KIM, IAN H., US
[72] SHALLCROSS, ZACHARY J., US
[72] GOLDBERG, ELI B., US
[72] BUTCHER, AARON M., US
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[54] **CONTROLLING TEMPERATURE WITHIN A CATALYST BED IN A REACTOR VESSEL**
[54] **REGULATION DE TEMPERATURE A L'INTERIEUR D'UN LIT DE CATALYSEUR DANS UN RECIPIENT DE REACTEUR**
[72] DAILY, JEFFREY N., US
[73] DAILY, JEFFREY N., US
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[54] **MULTI-LAYER CAPSULE AND MANUFACTURE METHOD THEREOF**
[54] **CAPSULE MULTICOUCHE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] GOTO, IKUO, JP
[72] CHIANG, CHIN-CHIH, US
[72] CHEN, YEN-FEI, CN
[73] ORIENT PHARMA CO., LTD., CN
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[54] **MOBILE TELEPHONE CLEANING CASE**
[54] **BOITIER NETTOYANT POUR TELEPHONE MOBILE**
[72] JOHNSON, GAVIN A., US
[73] JOHNSON, GAVIN A., US
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[54] **METHOD, DEVICE, SYSTEM AND STORAGE MEDIUM FOR IMPLEMENTING PACKET TRANSMISSION IN PCIE SWITCHING NETWORK**
[54] **PROCEDE, DISPOSITIF, SYSTEME ET SUPPORT DE STOCKAGE POUR LA MISE EN OEUVRE DE LA TRANSMISSION DE PAQUETS DANS UN RESEAU DE COMMUTATION PCIE**
[72] SU, DEXIAN, CN
[72] YAO, YIMIN, CN
[72] WANG, JING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCESS AND APPARATUS FOR PRODUCING LIQUID HYDROCARBON**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN HYDROCARBURE LIQUIDE**
[72] IVERSEN, STEEN BRUMMERSTEDT, DK
[73] STEEPER ENERGY APS, DK
[85] 2013-12-10
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[54] **NON-UNIFORMITY CORRECTION TECHNIQUES FOR INFRARED IMAGING DEVICES**
[54] **TECHNIQUES DE CORRECTION DE NON-UNIFORMITE POUR DISPOSITIFS D'IMAGERIE INFRAROUGE**
[72] HOGASTEN, NICHOLAS, US
[72] HOELTER, THEODORE R., US
[72] STRANDEMAR, KATRIN, SE
[72] BOULANGER, PIERRE, US
[72] SHARP, BARBARA, US
[72] KURTH, ERIC A., US
[73] FLIR SYSTEMS, INC., US
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[54] **AGENT D'EPURATION DU SULFURE D'HYDROGENE A UTILISER DANS DES HYDROCARBURES**
[72] STARK, JOSEPH L., US
[72] STEELE, ROBERT A., US
[72] BABIC-SAMARDZIJA, KSENIJA, US
[72] SCHIELD, JOHN A., US
[72] CAPPEL, WELDON J., US
[72] BARNES, MATTHEW T., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **DUAL-FLOW TURBINE ENGINE HAVING A DECOUPLING DEVICE**
[54] **TURBOMOTEUR A DOUBLE FLUX A DISPOSITIF DE DECOUPLAGE**
[72] SERVANT, REGIS EUGENE HENRI, FR
[73] SNECMA, FR
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[54] **COATING COMPOSITION SUITABLE FOR PHARMACEUTICAL OR NUTRACEUTICAL DOSAGE FORMS**
[54] **COMPOSITION D'ENROBAGE APPROPRIEE POUR DES FORMES PHARMACEUTIQUES OU NUTRACEUTIQUES**
[72] NOLLENBERGER, KATHRIN, DE
[72] SCHATTKA, JAN HENDRIK, DE
[72] LEUBERT, RENE, DE
[72] HERMES, FLORIAN, DE
[72] ASSMUS, MANFRED, DE
[72] MEIER, CHRISTIAN, DE
[72] DASSINGER, THOMAS, DE
[72] RIERMEIER, THOMAS, DE
[73] EVONIK ROHM GMBH, DE
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[54] **METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION DE COMPENSATION DE MOUVEMENT**
[72] BOSSEN, FRANK JAN, US
[73] NTT DOCOMO, INC., JP
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[54] **HYDROPHOBISED CALCIUM CARBONATE PARTICLES**
[54] **PARTICULES DE CARBONATE DE CALCIUM HYDROPHOBE**
[72] GANTENBEIN, DANIEL, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **SCALABLE SPECTROSCOPIC DETECTION AND MEASUREMENT**
[54] **DETECTION ET MESURE SPECTROSCOPIQUES POUVANT ETRE MISES A L'ECHELLE**
[72] TRACY, DAVID, US
[72] STOKES, PETER LEWIS, US
[72] KIANI, SEPEHR, US
[73] BIO-RAD LABORATORIES, INC., US
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[54] **ADDITIFS TENSIOACTIFS AU SILOXANE POUR APPLICATIONS PETROLIERES ET GAZIERES**
[72] PENNY, GLENN S., US
[72] DISMUKE, KEITH, US
[72] FOX, RICHARD, US
[72] ZELENEV, ANDREI, US
[72] HILL, RANDAL M., US
[73] FLOTEK CHEMISTRY, LLC, US
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[54] **DISPOSITIF D'AFFICHAGE POUR VEHICULE DE TRANSPORT**
[72] SAFAVI, RAMIN, US
[72] ZHOU, XIAOPING, US
[72] GAO, ZHICUN, US
[72] TAYLOR, LARRY, US
[73] LUMINATOR HOLDING L.P., US
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[25] EN
[54] **WATER-SOLUBLE SURFACTANT COMPOSITIONS HAVING IMPROVED TASTE**
[54] **COMPOSITIONS DE TENSIOACTIF HYDROSOLUBLE AYANT UN GOUT AMELIORE**
[72] HOKE, STEVEN HAMILTON, II, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] HESTER, MARC ALAN, US
[72] CLAIR, BRIAN DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **ENGINE-GENERATOR WITH LOAD BANK AND CONTROL SYSTEM**
[54] **GROUPE ELECTROGENE DOTE D'UN BANC D'ESSAI ET D'UN SYSTEME DE COMMANDE**
[72] FELL, GEORGE, US
[73] MULTIQUIP, INC., US
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[54] **GROUNDING ROPE GUIDE FOR A DYNAMO-ELECTRIC MACHINE**
[54] **GUIDE-CABLE DE MISE A LA TERRE POUR UNE MACHINE DYNAMO-ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[73] CUTSFORTH, INC., US
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[54] **SELF-CONTAINED HEATED WAX TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT A LA CIRE CHAUFFEE AUTONOME**
[72] YOUNG, DANIEL, US
[73] FOREVER YOUNG INTERNATIONAL, INC., US
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[54] **WATER PRESSURE CONTROLLED MIXING VALVE**
[54] **ROBINET MELANGEUR A COMMANDE PAR PRESSION HYDRAULIQUE**
[72] MARTY, GARRY R., US
[72] SAWASKI, JOEL D., US
[72] BELZ, JEFFREY J., US
[72] GROVES, DAVID M., US
[73] DELTA FAUCET COMPANY, US
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[54] **DETERMINATION DU POUVOIR THROMBOGENE D'IMMUNOGLOBULINES HUMAINES**
[72] MICHALSKI, CATHERINE, FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
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[54] **SYSTEMS AND METHODS FOR RESETTING A NETWORK STATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE REINITIALISER UNE STATION DE RESEAU**
[72] WENTINK, MAARTEN MENZO, US
[72] MERLIN, SIMONE, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-19
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[54] **PROXY AUTHENTICATION**
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[72] GOLDMAN, BRENT JUSTIN, US
[72] VIJAYVERGIYA, ARUN, US
[72] SHAH, NAITIK HEMANT, US
[73] FACEBOOK, INC., US
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[51] **Int.Cl. A61K 38/39 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING EXERCISE-INDUCED JOINT PAIN IN NON-ARTHRITIC MAMMALS**
[54] **PROCEDE DE REDUCTION DE LA DOULEUR CAUSEE PAR L'EXERCICE DANS LES ARTICULATIONS DES MAMMIFERES QUI NE SOUFFRENT PAS D'ARTHRITE**
[72] DIJKSTRA, PAUL, US
[72] LAU, FRANCIS C., US
[72] LUGO, JAMES, US
[72] SAIYED, ZAINULABEDIN M., US
[73] INTERHEALTH NUTRACEUTICALS, INC., US
[85] 2014-03-19
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT COMPLEMENT ACTIVATION**
[54] **PROCEDES DE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A L'ACTIVATION DU COMPLEMENT DEPENDANTE DE MASP-2**
[72] SCHWAEBLE, HANS-WILHELM, GB
[72] STOVER, CORDULA M., GB
[72] TEDFORD, CLARK E., US
[72] PARENT, JAMES B., US
[72] FUJITA, TEIZO, JP
[73] OMEROS CORPORATION, US
[73] UNIVERSITY OF LEICESTER, GB
[86] (2847677)
[87] (2847677)
[22] 2005-06-09
[62] 2,573,144
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[25] EN
[54] **USE OF SOLUBLE FORMS OF CD83 AND NUCLEIC ACIDS ENCODING THEM FOR THE TREATMENT OR PREVENTION OF DISEASES**
[54] **UTILISATION DE FORMES SOLUBLES DE CD83 ET D'ACIDES NUCLEIQUES CODANT POUR CD83 AFIN DE TRAITER OU DE PREVENIR DES MALADIES**
[72] STEINKASSERER, ALEXANDER, DE
[72] LECHMANN, MATTHIAS, DE
[72] ZINSER, ELISABETH, DE
[73] ARGOS THERAPEUTICS, INC., US
[86] (2847795)
[87] (2847795)
[22] 2003-11-19
[62] 2,507,373
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[51] **Int.Cl. B61G 11/08 (2006.01) B61G 9/14 (2006.01) F16F 3/08 (2006.01)**
[25] EN
[54] **COMPRESSIBLE ELASTOMERIC SPRING**
[54] **RESSORT ELASTOMERE COMPRESSIBLE**
[72] SPRAINIS, RONALD J., US
[72] GREGAR, PETER, US
[73] WABTEC HOLDING CORP., US
[85] 2014-03-07
[86] 2012-09-13 (PCT/US2012/055010)
[87] (WO2013/040128)
[30] US (13/233,270) 2011-09-15

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[13] C
[51] **Int.Cl. G06F 9/445 (2018.01) G06Q 50/04 (2012.01) B64F 5/10 (2017.01)**
[25] EN
[54] **COMPONENT PROGRAMMING SYSTEM**
[54] **SYSTEME DE PROGRAMMATION DE COMPOSANT**
[72] ASHFORD, CURTIS M., US
[73] THE BOEING COMPANY, US
[85] 2014-03-20
[86] 2012-10-19 (PCT/US2012/061107)
[87] (WO2013/077958)
[30] US (13/300,785) 2011-11-21

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[51] **Int.Cl. G01S 15/89 (2006.01) G01B 17/06 (2006.01)**
[25] EN
[54] **ULTRASOUND MATRIX INSPECTION**
[54] **CONTROLE PAR MATRICE A ULTRASONS**
[72] TEN GROTENHUIS, RAYMOND, CA
[72] HONG, ANDREW, CA
[72] CHEN, ZHENXIANG, CA
[72] MADILL, MATT, CA
[72] SHOKRALLA, SHADDY, CA
[72] WONG, CHENG CHUEN BENEDICT, CA
[72] PRESTON, SCOTT, CA
[72] SAKUTA, ALEXANDER, CA
[73] ONTARIO POWER GENERATION INC., CA
[85] 2014-03-24
[86] 2012-09-26 (PCT/CA2012/000861)
[87] (WO2013/044350)
[30] US (61/539,208) 2011-09-26
[30] US (61/546,217) 2011-10-12

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **5 - BENZYLAMINOMETHYL - 6 - AMINOPYRAZOLO [3,4-B] PYRIDINE DERIVATIVES AS CHOLESTERYL ESTER-TRANSFER PROTEIN (CETP) INHIBITORS USEFUL FOR THE TREATMENT OF ATHEROSCLEROSIS**
[54] **DERIVES DE 5 - BENZYLAMINOMETHYL - 6 - AMINOPYRAZOLO [3,4-B] PYRIDINE UTILES COMME INHIBITEURS DE LA CHOLESTERYL ESTER-TRANSFER PROTEINE (CETP) DANS LE TRAITEMENT DE L'ATHEROSC LEROSE**
[72] BORUAH, ANIMA, IN
[72] ALIKUNJU, SHANAVAS, IN
[73] DR. REDDY'S LABORATORIES, LTD., IN
[85] 2014-03-25
[86] 2012-09-27 (PCT/IB2012/002435)
[87] (WO2013/046045)
[30] IN (3337/CHE/2011) 2011-09-27
[30] US (61/558,262) 2011-11-10

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[51] **Int.Cl. A23K 10/14 (2016.01) A23K 10/20 (2016.01) A23K 40/00 (2016.01) A23K 50/40 (2016.01) A23J 3/34 (2006.01)**
[25] EN
[54] **MEAT TISSUE DIGESTS HAVING ENHANCED PALATABILITY FOR USE IN PET FOOD**
[54] **HYDROLYSATS A BASE DE TISSU CARNE PRESENTANT UNE MEILLEURE APPETIBILITE UTILISES DANS DES ALIMENTS POUR ANIMAUX**
[72] DE RATULD, AURELIE, FR
[73] SPECIALITES PET FOOD, FR
[85] 2014-04-01
[86] 2012-10-03 (PCT/EP2012/069516)
[87] (WO2013/050407)
[30] EP (11306275.6) 2011-10-03
[30] US (61/542,429) 2011-10-03
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[30] US (61/594,134) 2012-02-02
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[13] C
[51] **Int.Cl. B29C 45/27 (2006.01)**
[25] EN
[54] **DISTRIBUTION SYSTEM FOR INJECTION MOULDING**
[54] **SYSTEME DE DISTRIBUTION POUR MOULAGE PAR INJECTION**
[72] HERBST, HARALD, AT
[73] BOREALIS AG, AT
[85] 2014-04-02
[86] 2012-10-08 (PCT/EP2012/069840)
[87] (WO2013/053664)
[30] EP (11184705.9) 2011-10-11

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[13] C
[51] **Int.Cl. B02C 19/18 (2006.01)**
[25] EN
[54] **METHOD OF FRAGMENTING AND/OR WEAKENING OF MATERIAL BY MEANS OF HIGH VOLTAGE DISCHARGES**
[54] **PROCEDE DE FRAGMENTATION OU D'AFFAIBLISSEMENT DE MATERIAU AU MOYEN D'IMPULSIONS A HAUTE TENSION**
[72] AHLQVIST JEANNERET, HELENA, CH
[72] MULLER-SIEBERT, REINHARD, CH
[72] FEITKENHAUER, HEIKO, DE
[72] WEH, ALEXANDER, CH
[72] MONTI DI SOPRA, FABRICE, CH
[72] HOPPE, PETER, DE
[72] SINGER, JOSEF, DE
[72] GIESE, HARALD, DE
[72] LEBER, KLAUS, DE
[73] SELFRAG AG, CH
[85] 2014-04-03
[86] 2011-10-10 (PCT/CH2011/000242)
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[13] C
[51] **Int.Cl. A63B 69/06 (2006.01)**
[25] EN
[54] **ROWING SIMULATOR**
[54] **SIMULATEUR DE MOUVEMENT DE RAMEUR**
[72] SINGH, SATINDER, CA
[73] BASIX INTERNATIONAL INC., CA
[86] (2851120)
[87] (2851120)
[22] 2014-05-07
[30] US (61/820,347) 2013-05-07

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[11] **2,851,224**
[13] C
[51] **Int.Cl. B01D 45/16 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **DUST COLLECTOR WITH A CONSTANT SUCTION FORCE**
[54] **COLLECTEUR DE POUSSIERE PRESENTANT UNE FORCE D'ASPIRATION CONSTANTE**
[72] HALLGREN, INGVAR, SE
[72] JOHANSSON, DANIEL, SE
[73] HUSQVARNA AB, SE
[85] 2014-04-04
[86] 2012-10-05 (PCT/SE2012/051062)
[87] (WO2013/052000)
[30] SE (1100739-0) 2011-10-06

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[13] C
[51] **Int.Cl. F01D 11/12 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **TURBOMACHINE STATOR INTERNAL SHELL WITH ABRADABLE MATERIAL**
[54] **ENVELOPPE INTERIEURE DE STATOR DE TURBOMACHINE AVEC MATERIAU ABRASABLE**
[72] CORTEQUISSE, JEAN-FRANCOIS, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2851454)
[87] (2851454)
[22] 2014-05-06
[30] EP (13167301.4) 2013-05-10

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[11] **2,851,489**
[13] C
[51] **Int.Cl. E04B 2/74 (2006.01) F21S 4/20 (2016.01) F21V 33/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **ACCENT LIGHTING FOR DEMOUNTABLE WALL SYSTEM**
[54] **ECLAIRAGE D'ACCENTUATION POUR SYSTEME DE PAROI DEMONTABLE**
[72] GREEN, SHAWN D., US
[73] KRUEGER INTERNATIONAL, INC., US
[86] (2851489)
[87] (2851489)
[22] 2014-05-09
[30] US (61/822,082) 2013-05-10
[30] US (14/261,522) 2014-04-25

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[13] C
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[25] EN
[54] **AIR BLEED SYSTEM FOR AN AXIAL TURBOMACHINE**
[54] **SYSTEME DE PURGE D'AIR POUR UNE TURBOMACHINE AXIALE**
[72] DEPAEPE, DAVID, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2851654)
[87] (2851654)
[22] 2014-05-06
[30] EP (13167416.0) 2013-05-13

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **TAMPER RESISTANT IMMEDIATE RELEASE FORMULATIONS**
[54] **FORMULATIONS A LIBERATION IMMEDIATE INVIOLABLES**
[72] ADJEI, AKWETE L., US
[72] CHEN, SIBAO, US
[72] KUPPER, ROBERT JOE, US
[72] MANCINELLI, VINCENT, US
[73] RHODES PHARMACEUTICALS L.P., US
[85] 2014-04-11
[86] 2013-03-01 (PCT/IB2013/000444)
[87] (WO2013/128276)
[30] US (61/606,156) 2012-03-02
[30] US (61/724,141) 2012-11-08

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[13] C
[51] **Int.Cl. H01Q 13/18 (2006.01) H01Q 1/38 (2006.01) H01Q 19/10 (2006.01)**
[25] EN
[54] **DIRECTIONAL SLOT ANTENNA WITH A DIELECTRIC INSERT**
[54] **ANTENNE DIRECTIONNELLE A FENTE AVEC INSERT DIELECTRIQUE**
[72] CHAMSEDDINE, AHMAD, CA
[73] NOVATEL INC., CA
[85] 2014-04-15
[86] 2012-11-06 (PCT/CA2012/050787)
[87] (WO2013/067638)
[30] US (13/290,532) 2011-11-07

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[13] C
[51] **Int.Cl. F41B 5/18 (2006.01) F41B 5/12 (2006.01)**
[25] EN
[54] **CONNECTABLE TWO PIECE BOWSTRING ENGAGING MECHANISM FOR CROSSBOW**
[54] **MECANISME D'ENGAGEMENT DE CORDE D'ARC EN DEUX PIECES JOIGNABLES**
[72] BEDNAR, RICHARD L., US
[72] SHAFFER, MICHAEL J., US
[72] HOUT, JACOB A., US
[73] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A TENPOINT CROSSBOW TECHNOLOGIES, US
[86] (2852785)
[87] (2852785)
[22] 2014-05-30
[30] US (61/846,341) 2013-07-15
[30] US (14/169,479) 2014-01-31

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[13] C
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/06 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **A DEVICE FOR MITIGATION OF TEMPOROMANDIBULAR JOINT DISORDER**
[54] **DISPOSITIF PERMETTANT D'ATTENUER UN TROUBLE DE L'ARTICULATION TEMPORO MANDIBULAIRE**
[72] URBANEK, ANTHONY PHILLIP, US
[73] TMJ SERVICES LLC, US
[85] 2014-04-17
[86] 2012-08-30 (PCT/US2012/052976)
[87] (WO2013/058875)
[30] US (13/317,487) 2011-10-19

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[13] C
[51] **Int.Cl. B08B 15/02 (2006.01) B07B 7/086 (2006.01)**
[25] EN
[54] **WELDING FUME EXTRACTOR**
[54] **EXTRACTEUR DE FUMEE DE SOUDAGE**
[72] HAMMERS, BRIAN J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-05-02
[86] 2012-11-08 (PCT/US2012/064081)
[87] (WO2013/07[illegible]867)
[30] US (61/558,856) 2011-11-11
[30] US (13/610,490) 2012-09-11

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[13] C
[51] **Int.Cl. B28B 11/12 (2006.01) B23Q 17/24 (2006.01) B24B 7/22 (2006.01) B24B 9/06 (2006.01) B24B 27/00 (2006.01) B28D 1/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING A CONCRETE TOWER SEGMENT OF A WIND TURBINE**
[54] **DISPOSITIF ET PROCEDE DE RECTIFICATION D'UN SEGMENT DE MAT EN BETON D'UNE EOLIENNE**
[72] HORN, GUNTHER, DE
[72] HOLSCHER, NORBERT, DE
[72] STRACKE, OLAF, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-05-05
[86] 2012-11-21 (PCT/EP2012/073274)
[87] (WO2013/076166)
[30] DE (10 2011 087 025.3) 2011-11-24
[30] DE (10 2012 020 333.0) 2012-10-17

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[13] C
[51] **Int.Cl. C10G 65/04 (2006.01) B01D 3/14 (2006.01) C10G 45/60 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW CLOUD POINT DISTILLATES**
[54] **PRODUCTION DE DISTILLATS DE FAIBLE POINT DE TROUBLE**
[72] SHIH, STUART S., US
[72] STOBER, BERNE K., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-05-07
[86] 2012-11-06 (PCT/US2012/063641)
[87] (WO2013/070566)
[30] US (61/557,530) 2011-11-09
[30] US (13/668,439) 2012-11-05

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[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/30 (2013.01) H04L 12/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE REMOTE ACCESS TO A SERVICE ON A SERVER COMPUTER**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT D'ACCES DISTANT A UN SERVICE SUR UN ORDINATEUR SERVEUR**
[72] KUANG, RANDY, CA
[72] XAVIER, STANISLUS KISITO, CA
[72] STEKLASA, ROBERT FRANK, CA
[72] WILSON, STEPHEN GEORGE, CA
[72] ZHU, HE, CA
[73] INBAY TECHNOLOGIES INC., CA
[86] (2855043)
[87] (2855043)
[22] 2014-06-25
[30] US (61/839,218) 2013-06-25

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[13] C
[51] **Int.Cl. C10G 49/00 (2006.01) B01J 19/00 (2006.01) C10G 49/26 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR UPGRADING PETROLEUM FEEDSTOCKS USING AN ALKALI METAL CONDUCTIVE MEMBRANE**
[54] **DISPOSITIF ET PROCEDE POUR VALORISER DES CHARGES D'ALIMENTATION PETROLIERES A L'AIDE D'UNE MEMBRANE CONDUCTRICE A BASE DE METAL ALCALIN**
[72] GORDON, JOHN HOWARD, US
[72] ALVARE, JAVIER, US
[73] FIELD UPGRADING LIMITED, CA
[85] 2014-05-14
[86] 2012-11-16 (PCT/US2012/065670)
[87] (WO2013/075021)
[30] US (61/560,653) 2011-11-16

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[13] C
[51] **Int.Cl. A63B 24/00 (2006.01) A63B 22/02 (2006.01) A63B 23/00 (2006.01)**
[25] EN
[54] **HEART RATE BASED TRAINING SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT BASE SUR LA FREQUENCE CARDIAQUE**
[72] RHEA, MATTHEW, US
[73] ICON HEALTH & FITNESS, INC., US
[85] 2014-05-15
[86] 2012-10-17 (PCT/US2012/060630)
[87] (WO2013/074242)
[30] US (61/559,878) 2011-11-15
[30] US (13/652,576) 2012-10-16

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[13] C
[51] **Int.Cl. B64G 4/00 (2006.01) B64D 39/00 (2006.01) B64G 1/10 (2006.01) B64G 1/64 (2006.01)**
[25] EN
[54] **SYSTEM AND TOOL FOR ACCESSING SATELLITE FILL/DRAIN VALVES DURING PROPELLANT RESUPPLY**
[54] **SYSTEME ET OUTIL PERMETTANT D'ACCEDER AUX VANNES DE REMPLISSAGE/VIDANGE D'UN SATELLITE DURANT LE RAVITAILLEMENT EN PROPERGOL**
[72] ROBERTS, PAUL, CA
[72] HAY, GAVIN, CA
[72] WHITE, JASON, CA
[72] SPRAWSON, GEOFFREY, CA
[73] MAXAR TECHNOLOGIES LTD., CA
[85] 2014-05-15
[86] 2012-12-05 (PCT/CA2012/050876)
[87] (WO2013/082719)
[30] US (61/566,893) 2011-12-05

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[13] C
[51] **Int.Cl. C07K 16/08 (2006.01) A61K 39/395 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR THE M2-1 ANTIGEN OF RESPIRATORY SYNCYTIAL VIRUS (RSV)**
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES A L'ANTIGENE M2-1 DU VIRUS RESPIRATOIRE SYNCYTIAL (VRS)**
[72] KALERGIS PARRA, ALEXIS MIKES, CL
[72] BUENO RAMIREZ, SUSAN MARCELA, CL
[72] MORA ALARCON, JORGE EUGENIO, CL
[72] GOMEZ JOHNSON, ROBERTO SEBASTIAN, CL
[73] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[85] 2014-05-16
[86] 2012-11-23 (PCT/IB2012/056688)
[87] (WO2013/076702)
[30] CL (3002-2011) 2011-11-25

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[13] C
[51] **Int.Cl. F16L 21/06 (2006.01) F16L 17/04 (2006.01)**
[25] EN
[54] **COUPLING WITH PROJECTIONS HAVING ANGULARLY ORIENTED SURFACE PORTIONS**
[54] **RACCORD A PROTUBERANCES PRESENTANT DE PARTIES SUPERFICIELLES ORIENTEES ANGULAIREMENT**
[72] BANCROFT, PHILIP W., US
[73] VICTAULIC COMPANY, US
[85] 2014-05-20
[86] 2012-11-09 (PCT/US2012/064474)
[87] (WO2013/078021)
[30] US (13/300,756) 2011-11-21

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[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/02 (2006.01) G01N 33/52 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **DEVICE FOR RAPID DETECTION OF INFECTIOUS AGENTS**
[54] **DISPOSITIF POUR DETECTION RAPIDE D'AGENTS INFECTIEUX**
[72] WILLIAMS, MARVIN R., US
[72] MCBRAIRTY, CHARLES, US
[72] PFAUTZ, DANIEL W., US
[72] ZUPANCIC, THOMAS J., US
[72] ZENG, LINGCHUN, US
[72] WEIMAN, ANDREW, US
[72] BR[illegible] RICHARD S., US
[72] KITTLE, JOSEPH, US
[72] TRUSCOTT, ANTHONY, US
[72] BARANOWSKI, ROBERT, US
[73] FUNDAMENTAL SOLUTIONS CORPORATION, US
[85] 2014-05-28
[86] 2012-12-12 (PCT/US2012/069192)
[87] (WO2013/090394)
[30] US (61/570,016) 2011-12-13

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[13] C
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/182 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO, USING DIRECTIONAL INTRA PREDICATION AND PIXELS IN NEIGHBORING UPPER AND LEFT BLOCKS**
[54] **METHODE ET APPAREIL DE CODAGE ET DE DECODAGE VIDEO EMPLOYANT LA PREDICTION INTRA DIRECTIONNELLE ET DES PIXELS DANS LE VOISINAGE DES BLOCS AU HAUT ET A GAUCHE**
[72] SONG, HAK-SUP, KR
[72] MIN, JUNG-HYE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2857392)
[87] (2857392)
[22] 2010-08-17
[62] 2,770,995
[30] KR (10-2009-0075854) 2009-08-17

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[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/4439 (2006.01) A61K 31/60 (2006.01)**
[25] EN
[54] **DRY COATED TABLET**
[54] **COMPRIME ENROBE A SEC**
[72] KAWANO, TETSUYA, JP
[72] MIMA, YASUSHI, JP
[72] ISHII, YUMIKO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2014-05-29
[86] 2012-11-29 (PCT/JP2012/081583)
[87] (WO2013/081177)
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[54] **ROTOR BLADE AND CONNECTING DEVICE**
[54] **PALE DE ROTOR ET DISPOSITIF D'ASSEMBLAGE**
[72] KANNENBERG, JOHANNES, DE
[72] HOFFMANN, ALEXANDER, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-06-03
[86] 2012-11-28 (PCT/EP2012/073793)
[87] (WO2013/083451)
[30] DE (10 2011 088 025.9) 2011-12-08
[30] DE (10 2012 221 117.9) 2012-11-19

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[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/06 (2006.01)**
[25] EN
[54] **METHODS FOR DETERMINING A PROGRESSIVE OPHTHALMIC LENS AND A SET OF SEMI FINISHED LENS BLANKS**
[54] **PROCEDES PERMETTANT DE DETERMINER UN VERRE OPHTALMIQUE PROGRESSIF ET UN JEU DE LENTILLES SEMI-FINIES**
[72] GUILLOT, MATTHIEU, FR
[72] REGO, CARLOS, FR
[72] DE ROSSI, HELENE, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2014-06-06
[86] 2012-12-17 (PCT/EP2012/075772)
[87] (WO2013/087925)
[30] EP (11306675.7) 2011-12-15

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[51] **Int.Cl. A61K 9/22 (2006.01) A61K 9/28 (2006.01) A61K 31/4402 (2006.01) A61K 31/4415 (2006.01)**
[25] EN
[54] **DISINTEGRANT-FREE DELAYED RELEASE DOXYLAMINE AND PYRIDOXINE FORMULATION AND PROCESS OF MANUFACTURING**
[54] **FORMULATION DE DOXYLAMINE ET DE PYRIDOXINE A LIBERATION PROLONGEE SANS DELITANT ET PROCEDE DE FABRICATION ASSOCIE**
[72] MA, DAVID, CA
[72] MANDAOGADE, PRASHANT MANOHAR, CA
[72] TALWAR, NARESH, CA
[73] PHARMASCIENCE INC., CA
[85] 2014-06-06
[86] 2012-12-07 (PCT/CA2012/001128)
[87] (WO2013/082706)
[30] CA (2761212) 2011-12-07

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[51] **Int.Cl. E21B 6/02 (2006.01) E21B 7/24 (2006.01) E21B 31/00 (2006.01)**
[25] EN
[54] **RESONANT EXTRACTOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'EXTRACTEUR PAR RESONANCE**
[72] YAJURE, EDGAR FERNANDO, CA
[73] TESCO CORPORATION, US
[85] 2014-06-06
[86] 2012-11-30 (PCT/US2012/067429)
[87] (WO2013/085822)
[30] US (13/315,096) 2011-12-08

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[51] **Int.Cl. C12N 15/53 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12P 13/12 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING CYSTEINE OR A DERIVATIVE THEREOF USING A NOVEL O-PHOSPHOSERINE SULFHYDRYLASE**
[54] **PROCEDE DE PREPARATION DE CYSTEINE OU D'UN DERIVE DE CELLE-CI A L'AIDE D'UNE NOUVELLE O-PHOSPHOSERINE SULFHYDRYLASE**
[72] SONG, BYEONG CHEOL, KR
[72] CHANG, JIN SOOK, KR
[72] JO, JAE HYUN, KR
[72] KIM, HYE WON, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[85] 2014-06-12
[86] 2012-12-14 (PCT/KR2012/010900)
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[30] KR (10-2011-0135665) 2011-12-15

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[51] **Int.Cl. G01N 21/90 (2006.01) G01N 21/35 (2014.01) G01N 21/84 (2006.01) G01N 21/88 (2006.01) G01N 25/72 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INSPECTING OBJECTS PROVIDED WITH A GAS-BARRIER LAYER**
[54] **PROCEDE ET SYSTEME POUR CONTROLER DES OBJETS POURVUS D'UNE COUCHE BARRIERE DE GAZ**
[72] SCHARER, MATTHIAS, CH
[72] KUBALEK, BERNHARD, CH
[72] MAIBACH, FRIDOLIN, CH
[72] HERMLE, MATTHIAS, CH
[73] FINATEC HOLDING AG, CH
[85] 2014-06-12
[86] 2012-12-13 (PCT/EP2012/075369)
[87] (WO2013/087762)
[30] EP (11193830.4) 2011-12-15
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[13] C
[51] **Int.Cl. E21B 47/10 (2012.01)**
[25] EN
[54] **DOWNHOLE SYSTEMS AND METHODS FOR WATER SOURCE DETERMINATION**
[54] **SYSTEMES ET PROCEDES DE FOND DE TROU PERMETTANT DE DETERMINER DES SOURCES D'EAU**
[72] SAMSON, ETIENNE M., US
[72] MAIDA, JOHN L., US
[72] DAUSSIN, RORY D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-04
[86] 2013-02-06 (PCT/US2013/024845)
[87] (WO2013/137992)
[30] US (13/418,455) 2012-03-13

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[13] C
[51] **Int.Cl. E21B 17/12 (2006.01) E21B 23/01 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL CAMS FOR MECHANICAL CASE RUNNING TOOL**
[54] **CAMES CIRCONFERENTIELLES POUR OUTIL DE DEPLACEMENT A ENCEINTE MECANIQUE**
[72] YAJURE, EDGAR FERNANDO, CA
[73] TESCO CORPORATION, US
[85] 2014-06-18
[86] 2012-11-29 (PCT/US2012/067080)
[87] (WO2013/095886)
[30] US (13/333,833) 2011-12-21

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[13] C
[51] **Int.Cl. H04W 8/02 (2009.01) H04W 36/08 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM, BASE STATION, HIGHER-ORDER APPARATUS, GATEWAY APPARATUS, COMMUNICATION METHOD, AND PROGRAM**
[54] **SYSTEME DE COMMUNICATION MOBILE, STATION DE BASE, DISPOSITIF DE NIVEAU PRINCIPAL, PASSERELLE, PROCEDE DE COMMUNICATION ET PROGRAMME**
[72] MOCHIZUKI, KOICHI, JP
[72] UEDA, YOSHIO, JP
[73] NEC CORPORATION, JP
[86] (2860689)
[87] (2860689)
[22] 2010-06-02
[62] 2,770,738
[30] JP (2009-187320) 2009-08-12

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[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) A61K 38/28 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CALCULATING THE INSULIN-TO-CARBOHYDRATE RATIO FOR DIABETICS**
[54] **PROCEDE, SYSTEME ET APPAREIL DE CALCUL DU RATIO GLUCIDES-INSULINE A L'USAGE DES DIABETIQUES**
[72] THOMSON, CAREN FRANCES, CA
[73] THOMSON, CAREN FRANCES, CA
[86] (2860796)
[87] (2860796)
[22] 2014-08-27
[30] US (14/151392) 2014-01-09

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[13] C
[51] **Int.Cl. A61M 39/08 (2006.01) B32B 1/08 (2006.01)**
[25] EN
[54] **MULTI-LAYERED TUBING**
[54] **TUBE MULTICOUCHE**
[72] BOURGEOIS, PHILIP, US
[72] MUNISH, SHAH, US
[73] TEKNI-PLEX, INC., US
[85] 2014-07-10
[86] 2012-10-30 (PCT/US2012/062565)
[87] (WO2013/109329)
[30] US (13/354,029) 2012-01-19

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[25] EN
[54] **METHOD AND APPARATUS FOR CREATING A PRESSURE PULSE IN DRILLING FLUID TO VIBRATE A DRILL STRING**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CREER UNE IMPULSION DE PRESSION DANS UN FLUIDE DE FORAGE POUR FAIRE VIBRER UN TRAIN DE TIGES**
[72] GUST, TOM, CA
[73] COUGAR DRILLING SOLUTIONS INC., CA
[85] 2014-07-10
[86] 2013-01-18 (PCT/CA2013/050035)
[87] (WO2013/106938)
[30] CA (2764816) 2012-01-19

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[13] C
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 45/20 (2006.01) B65D 53/02 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **RECIPIENT**
[72] KOO, HONG SIK, KR
[73] THREEWAY TECHNOLOGY CO., LTD., KP
[73] KOO, HONG SIK, KR
[85] 2014-07-15
[86] 2013-01-18 (PCT/KR2013/000439)
[87] (WO2013/109103)
[30] KR (10-2012-0006675) 2012-01-20
[30] KR (10-2012-0007987) 2012-01-26
[30] KR (10-2012-0045019) 2012-04-29
[30] KR (10-2012-0101267) 2012-09-12

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[51] **Int.Cl. A61B 10/00 (2006.01) G01N 1/00 (2006.01)**
[25] EN
[54] **SAMPLE EXTRACTING, DILUTING AND DISCHARGING DEVICE**
[54] **DISPOSITIF D'EXTRACTION , DE DILUTION ET DE DECHARGE D'UN ECHANTILLON**
[72] PAVELS PETERSEN, ERIK, NO
[72] ROSETH, ARNE, NO
[72] JERMANN, THOMAS, CH
[72] WEBER, JAKOB, CH
[73] BUHLMANN LABORATORIES AG, CH
[85] 2014-07-16
[86] 2013-01-18 (PCT/EP2013/050988)
[87] (WO2013/107893)
[30] EP (12151959.9) 2012-01-20

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[51] **Int.Cl. E04C 2/12 (2006.01) E04C 2/24 (2006.01)**
[25] EN
[54] **PREFABRICATED PANEL FOR A BUILDING**
[54] **PANNEAU PREFABRIQUE POUR BATIMENT**
[72] MALAKAUSKAS, GIEDRIUS, NL
[72] BALTRAMIEJUNAS, MARIUS, NL
[72] MULLER, HARALD DIETER, BE
[72] ANDERSSON, ERIK ROGER, PL
[72] HATTIG, THOMAS, DE
[72] SODEMANN, STEEN TORBEN, BE
[72] MULLER, PHILIP, PL
[73] VASTINT HOSPITALITY B.V., NL
[85] 2014-07-21
[86] 2013-01-22 (PCT/EP2013/051158)
[87] (WO2013/110618)
[30] SE (1250046-8) 2012-01-23
[30] US (61/589,656) 2012-01-23

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[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) C09C 3/04 (2006.01)**
[25] EN
[54] **INSTALLATION FOR THE PURIFICATION OF MINERALS, PIGMENTS AND/OR FILLERS AND/OR THE PREPARATION OF PRECIPITATED EARTH ALKALI CARBONATE**
[54] **INSTALLATION POUR LA PURIFICATION DE MINERAUX, DE PIGMENTS ET/OU DE MATIERES DE CHARGE ET/OU LA PREPARATION DE CARBONATE DE METAL ALCALINOTERREUX PRECIPITE**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A.C., CH
[72] BLUM, RENE VINZENZ, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-07-21
[86] 2013-01-24 (PCT/EP2013/051331)
[87] (WO2013/113614)
[30] EP (12153877.1) 2012-02-03
[30] US (61/597,201) 2012-02-10

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[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **MODELING FRACTURING FLUID LEAK-OFF**
[54] **MODELISATION DE FUITE DE FLUIDE DE FRACTURATION**
[72] COPELAND, DYLAN MATTHEW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-30
[86] 2013-01-09 (PCT/US2013/020777)
[87] (WO2013/119345)
[30] US (13/366,582) 2012-02-06

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[13] C
[51] **Int.Cl. A24D 3/02 (2006.01)**
[25] EN
[54] **TOBACCO SMOKE FILTER**
[54] **FILTRE A FUMEE DE TABAC**
[72] LISAN, AHMAD FASHIHUL, ID
[72] WIDIARTO, SUDIRMAN, ID
[73] ESSENTRA FILTER PRODUCTS DEVELOPMENT CO. PTE. LTD, SG
[85] 2014-08-01
[86] 2013-02-07 (PCT/EP2013/052385)
[87] (WO2013/117620)
[30] GB (1202220.8) 2012-02-08

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[25] EN
[54] **APPARATUS AND METHOD FOR AUTOMATICALLY ANALYZING BIOLOGICAL SAMPLES**
[54] **APPAREIL ET PROCEDE D'ANALYSE AUTOMATIQUE D'ECHANTILLONS BIOLOGIQUES**
[72] PARK, HAN OH, KR
[72] LEE, YANG WON, KR
[72] KIM, JONG-KAB, KR
[73] BIONEER CORPORATION, KR
[85] 2014-08-06
[86] 2013-02-07 (PCT/KR2013/000985)
[87] (WO2013/119049)
[30] KR (10-2012-0013757) 2012-02-10

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[13] C
[51] **Int.Cl. G02C 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVABLY COUPLING AN ELECTRONIC DEVICE TO EYEWEAR**
[54] **SYSTEMES ET PROCEDES DESTINES A COUPLER AMOVIBLES UN DISPOSITIF ELECTRONIQUE ET DES LUNETTES**
[72] BELBEY, JASON, US
[72] MORITZ, HANS KARSTEN, US
[72] KIM, MYONG, US
[73] OAKLEY, INC., US
[85] 2014-08-14
[86] 2013-02-14 (PCT/US2013/026230)
[87] (WO2013/123264)
[30] US (61/600,563) 2012-02-17
[30] US (61/741,796) 2012-02-20
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[13] C
[51] **Int.Cl. C10G 2/00 (2006.01)**
[25] EN
[54] **FISCHER-TROPSCH SYNTHESIS**
[54] **SYNTHESE DE FISCHER-TROPSCH**
[72] NEL, HERMANUS GERHARDUS, ZA
[72] VOGEL, ALEX PHILIP, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2014-08-20
[86] 2013-02-20 (PCT/IB2013/051364)
[87] (WO2013/124793)
[30] ZA (2012/01405) 2012-02-24
[30] US (61/602,820) 2012-02-24

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[51] **Int.Cl. D21H 27/00 (2006.01) A47K 10/16 (2006.01) D21H 13/30 (2006.01) D21H 15/06 (2006.01) D21H 27/02 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **EMBOSSED FIBROUS STRUCTURES COMPRISING POLYSACCHARIDE FILAMENTS AND METHODS FOR MAKING SAME**
[54] **STRUCTURES FIBREUSES EMBOSSEES RENFERMANT DES FILAMENTS DE POLYSACCHARIDE ET METHODES DE FABRICATION ASSOCIEES**
[72] KRAUS, CHRISTOPHER SCOTT, US
[72] CABELL, DAVID WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-08-21
[86] 2013-02-21 (PCT/US2013/027075)
[87] (WO2013/126531)
[30] US (61/601,802) 2012-02-22

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[13] C
[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF MITIGATING HIGH-TEMPERATURE, HIGH-CHARGE GAS SWELLING OF BATTERY OF PORTABLE ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LE GONFLEMENT DE GAZ A CHARGE ET TEMPERATURE ELEVEES D'UNE PILE D'UN APPAREIL ELECTRONIQUE PORTATIF**
[72] SENGUPTA, SURAJIT, CA
[72] FENG, YU WILLIAM, CA
[72] BRUBACHER, JONATHAN QUINN, CA
[72] PATINO, JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2865654)
[87] (2865654)
[22] 2014-09-23
[30] US (14/034,673) 2013-09-24

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[51] **Int.Cl. C07C 2/76 (2006.01) C07C 11/24 (2006.01) H01J 37/32 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCTION OF ACETYLENE USING PLASMA TECHNOLOGY**
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION D'ACETYLENE PAR UNE TECHNIQUE DE PLASMA**
[72] SPITZL, RALF, DE
[73] SPITZL, RALF, DE
[85] 2014-08-29
[86] 2013-04-03 (PCT/EP2013/000983)
[87] (WO2013/149723)
[30] DE (10 2012 007 230.9) 2012-04-07

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[51] **Int.Cl. B01F 13/08 (2006.01) B01F 15/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **STIRRING DEVICE AND STIRRING METHOD**
[54] **DISPOSITIF D'AGITATION ET PROCEDE ASSOCIE**
[72] FUJIYAMA, SHINSUKE, JP
[72] MUTA, NAGAFUMI, JP
[72] SHIMOKAWA, YOUHEI, JP
[72] SHIOJIRI, TOSHIKAZU, JP
[72] YOKEMURA, MASATO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2014-09-05
[86] 2013-02-27 (PCT/JP2013/055125)
[87] (WO2013/153862)
[30] JP (2012-090667) 2012-04-12

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[13] C
[51] **Int.Cl. H04N 5/232 (2006.01) G06T 3/00 (2006.01)**
[25] EN
[54] **IMAGE CAPTURING APPARATUS, IMAGE CAPTURE SYSTEM, IMAGE PROCESSING METHOD, INFORMATION PROCESSING APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM**
[54] **APPAREIL DE CAPTURE D'IMAGES, SYSTEME DE CAPTURE D'IMAGES, PROCEDE DE TRAITEMENT D'IMAGES, APPAREIL DE TRAITEMENT D'INFORMATIONS ET SUPPORT A MEMOIRE LISIBLE PAR ORDINATEUR**
[72] TAKENAKA, HIROKAZU, JP
[72] IRINO, YOSHIAKI, JP
[72] TANAKA, TOMONORI, JP
[72] IMAE, NOZOMI, JP
[72] YAMAMOTO, HIDEAKI, JP
[72] MASUDA, KENSUKE, JP
[72] ITO, YOICHI, JP
[72] SAWAGUCHI, SATOSHI, JP
[72] BESSHO, DAISUKE, JP
[72] SATOH, HIROYUKI, JP
[72] SHOHARA, MAKOTO, JP
[72] TERAO, NORIYUKI, JP
[72] HARADA, TORU, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-09-08
[86] 2013-03-11 (PCT/JP2013/057338)
[87] (WO2013/133456)
[30] JP (2012-053190) 2012-03-09
[30] JP (2012-263542) 2012-11-30

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[13] C
[51] **Int.Cl. C07C 39/21 (2006.01) A61K 31/05 (2006.01) A61K 31/09 (2006.01) A61K 31/215 (2006.01) A61P 9/00 (2006.01) A61P 11/06 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) A61P 37/08 (2006.01) C07C 43/215 (2006.01)**
[25] EN
[54] **COMPOUNDS AND USES THEREOF FOR TREATING INFLAMMATION AND MODULATING IMMUNE RESPONSES**
[54] **COMPOSES ET LEURS UTILISATIONS POUR LE TRAITEMENT D'UNE INFLAMMATION ET LA MODULATION DE REPONSES IMMUNITAIRES**
[72] LAU, ALLAN SIK YIN, CN
[72] YANG, LAI HUNG CINDY, CN
[72] CHIK, STANLEY CHI CHUNG, CN
[73] VESITECH LIMITED, CN
[73] BAGI RESEARCH LIMITED, CN
[85] 2014-09-08
[86] 2013-03-08 (PCT/IB2013/000843)
[87] (WO2013/132346)
[30] US (61/608,347) 2012-03-08

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[13] C
[51] **Int.Cl. H04N 19/96 (2014.01) H04N 19/13 (2014.01) H04N 19/186 (2014.01) H04N 19/60 (2014.01)**
[25] EN
[54] **CODED BLOCK FLAG CODING**
[54] **CODAGE DE DRAPEAU DE BLOC CODE**
[72] GUO, LIWEI, US
[72] WANG, XIANGLIN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-09-09
[86] 2013-03-19 (PCT/US2013/032989)
[87] (WO2013/151785)
[30] US (61/620,765) 2012-04-05
[30] US (13/739,598) 2013-01-11

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[13] C
[51] **Int.Cl. G01F 1/86 (2006.01) G01F 1/90 (2006.01) G01F 15/06 (2006.01)**
[25] EN
[54] **INDIRECT MASS FLOW SENSOR**
[54] **CAPTEUR DE DEBIT MASSIQUE INDIRECT**
[72] PATTEN, ANDREW TIMOTHY, US
[72] GALIC-MACKALL, RUTH, US
[72] PISHCHULINA, ANNA, US
[73] MICRO MOTION, INC., US
[85] 2014-09-10
[86] 2012-03-13 (PCT/US2012/028924)
[87] (WO2013/137866)

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[13] C
[51] **Int.Cl. H04N 21/466 (2011.01) H04N 21/84 (2011.01) H04N 21/845 (2011.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SENTIMENT MAPPING IN A MEDIA CONTENT ITEM**
[54] **MISE EN CORRESPONDANCE DE SENTIMENTS DANS UN ELEMENT DE CONTENU MULTIMEDIA**
[72] WICKRAMASURIYA, JEHAN, US
[72] VASUDEVAN, VENUGOPAL, US
[72] XU, CHAO, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2014-09-10
[86] 2013-02-21 (PCT/US2013/027049)
[87] (WO2013/138038)
[30] US (13/419,615) 2012-03-14

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[13] C
[51] **Int.Cl. H01R 13/187 (2006.01) H01R 4/48 (2006.01) H01R 13/17 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE TRANSMISSION OF ELECTRICAL CURRENT**
[54] **SYSTEME DE TRANSMISSION DE COURANT ELECTRIQUE**
[72] BLAKBORN, WILLEM, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **FEEDWATER HEATING HYBRID POWER GENERATION**
[54] **PRODUCTION D'ENERGIE HYBRIDE DE CHAUFFAGE D'EAU D'ALIMENTATION**
[72] SMITHE, ALAN, US
[72] MILLER, MACKENZIE, US
[72] DIRKSE, PHILIP, US
[72] SHORTLIDGE, SETH, US
[73] EIF NTE HYBRID INTELLECTUAL PROPERTY HOLDING COMPANY, LLC, US
[85] 2014-10-07
[86] 2012-08-29 (PCT/US2012/052875)
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[25] EN
[54] **METHOD FOR PRODUCING BLACK-PLATED STEEL SHEET, AND METHOD FOR PRODUCING MOLDED ARTICLE OF BLACK-PLATED STEEL SHEET**
[54] **PROCEDE DE PRODUCTION DE TOLE D'ACIER PLAQUEE DE NOIR, ET PROCEDE DE PRODUCTION D'UN ARTICLE MOULE EN TOLE D'ACIER PLAQUEE DE NOIR**
[72] NAKANO, TADASHI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TAKETSU, HIROFUMI, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2014-10-21
[86] 2013-04-23 (PCT/JP2013/002717)
[87] (WO2013/161268)
[30] JP (2012-100449) 2012-04-25
[30] JP (2013-062233) 2013-03-25

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[51] **Int.Cl. A45C 11/00 (2006.01) B65D 75/32 (2006.01)**
[25] EN
[54] **CONTACT LENS BLISTER PACKAGES**
[54] **EMBALLAGES-COQUE POUR LENTILLES DE CONTACT**
[72] ENGLISH, STEPHEN, GB
[72] ATKINSON, HAYDEN, GB
[72] DAVIS, ROBERT, GB
[72] ALDRIDGE, KEVIN, GB
[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2014-10-22
[86] 2013-04-23 (PCT/GB2013/051022)
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[25] EN
[54] **METHOD OF TREATING A SURFACE TO PROTECT THE SAME**
[54] **METHODE DE TRAITEMENT DUNE SURFACE A DES FINS DE PROTECTION DE LADITE SURFACE**
[72] HISE, ROBERT L., US
[72] SCANLON, GEOFFREY E., US
[72] BERGMEISTER, JOSEPH, III, US
[72] KNORR, DANIEL B., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[25] EN
[54] **LOCAL DEVICE IDENTITY ALLOCATION FOR NETWORK ASSISTED DEVICE-TO-DEVICE D2D COMMUNICATION**
[54] **ATTRIBUTION D'IDENTITES LOCALES DE DISPOSITIFS POUR COMMUNICATION DISPOSITIF A DISPOSITIF D2D A ASSISTANCE RESEAU**
[72] LINDOFF, BENGT, SE
[72] FODOR, GABOR, SE
[72] WILHELMSSON, LEIF, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-11-13
[86] 2013-05-08 (PCT/EP2013/059595)
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[30] US (61/646,987) 2012-05-15
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[51] **Int.Cl. G01N 15/04 (2006.01) E21B 21/00 (2006.01) G01N 11/00 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING DYNAMIC SAG USING VISCOMETER/RHEOMETER DATA**
[54] **METHODES PERMETTANT DE PREDIRE LE FLECHISSEMENT DYNAMIQUE A L'AIDE DES DONNEES FOURNIES PAR UN VISCOSIMETRE/RHEOMETRE**
[72] KULKARNI, SANDEEP, IN
[72] SAVARI, SHARATH, IN
[72] TEKE, KUSHABHAU D., IN
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[72] GANTEPLA, ANITA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-18
[86] 2013-05-30 (PCT/US2013/043374)
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[25] EN
[54] **RECREATIONAL BOARD CARRIER**
[54] **PORTEUR DE PLANCHE DE JEU**
[72] GARDNER, KAREN ANNE, US
[73] GARDNER, KAREN ANNE, US
[86] (2874386)
[87] (2874386)
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[51] **Int.Cl. G01N 33/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ASSESSING THE LEVEL OF MICROBIAL ACTIVITY OF SOIL**
[54] **PROCEDE ET UN DISPOSITIF D'EVALUATION DU NIVEAU DE L'ACTIVITE MICROBIENNE DE SOLS**
[72] SQUARTINI, ANDREA, IT
[72] CONCHERI, GIUSEPPE, IT
[72] TIOZZO NETTI, STEFANO, IT
[73] UNIVERSITA' DEGLI STUDI DI PADOVA, IT
[85] 2014-12-11
[86] 2012-06-13 (PCT/IB2012/001157)
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[30] IT (VI2011A000154) 2011-06-13

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING SESSION INFO QUERY FOR USER PLANE LOCATION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DEMANDER DES INFORMATIONS DE SESSION SUR LA LOCALISATION D'UN PLAN D'UTILISATEUR**
[72] BURROUGHS, KIRK ALLAN, US
[72] EDGE, STEPHEN W., US
[72] LIN, IE-HONG, US
[72] WACHTER, ANDREAS K., US
[73] QUALCOMM INCORPORATED, US
[86] (2876599)
[87] (2876599)
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[30] US (61/031,622) 2008-02-26
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[25] EN
[54] **APPLICATION OF FLUOXETINE TO TREATMENT OF DEPIGMENTATION DISEASES**
[54] **APPLICATION DE LA FLUOXETINE AU TRAITEMENT DE MALADIES DE DEPIGMENTATION**
[72] SHANG, JING, CN
[72] LIAO, SHA, CN
[72] JIN, YU, CN
[72] TIAN, XIAOLI, CN
[72] ZHAO, GUORUI, CN
[72] ZHOU, JIA, CN
[72] WANG, QIAN, CN
[72] CHONG, SILIN, CN
[73] SHANDONG RUNZE PHARMACEUTICALS CO., LTD., CN
[85] 2014-12-19
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[51] **Int.Cl. A01C 1/06 (2006.01) B65G 15/00 (2006.01)**
[25] EN
[54] **LOW PROFILE SEED TREATER WITH METERING FUNCTIONALITY**
[54] **POSTE DE TRAITEMENT DE SEMENCES A PROFIL BAS AYANT UNE FONCTION DE DOSAGE**
[72] BARDI, DANICK J., CA
[73] BAYER CROPSCIENCE INC., CA
[85] 2014-12-17
[86] 2012-07-09 (PCT/CA2012/000641)
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[13] C
[51] **Int.Cl. G06F 3/02 (2006.01)**
[25] EN
[54] **CHARACTER INPUT METHOD AND SYSTEM, TERMINAL ELECTRONIC DEVICE AND STORAGE MEDIUM**
[54] **PROCEDE ET SYSTEME D'ENTREE DE CARACTERES, DISPOSITIF ELECTRONIQUE TERMINAL ET SUPPORT D'ENREGISTREMENT**
[72] LUO, GANG, CN
[72] SHEN, YANPING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-02
[86] 2013-07-03 (PCT/CN2013/078755)
[87] (WO2014/005520)
[30] CN (201210231671.X) 2012-07-05

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[51] **Int.Cl. A61F 2/24 (2006.01) A61M 25/088 (2006.01) A61F 2/966 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **INTEGRATED HEART VALVE DELIVERY SYSTEM**
[54] **SYSTEME INTEGRE DE TRANSPORT DE VALVULE CARDIAQUE**
[72] MARCHAND, PHILIPPE, US
[72] TAYLOR, DAVID M., US
[72] MILICH, ROBERT, JR., US
[72] EVANS, DAVID J., US
[72] CHIA, CHRISTOPHER, US
[72] CAYABYAB, RONALDO C., US
[72] BOWES, ROBERT ROYAL, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[87] (2878598)
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[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **LIQUID-TRANSFER ADAPTER BEVELED SPIKE**
[54] **PERFORATEUR BISEAUTE D'UN ADAPTATEUR DE TRANSFERT DE LIQUIDE**
[72] SUND, JULIUS C., US
[72] SWANSON, KEVIN D., US
[73] ANTARES PHARMA, INC., US
[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050206)
[87] (WO2014/011958)
[30] US (61/671,037) 2012-07-12

[11] **2,879,183**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE, SYSTEMS AND METHODS FOR PREPARATION OF BEVERAGES**
[54] **CARTOUCHE, SYSTEMES ET PROCEDES DE PREPARATION DE BOISSONS**
[72] HANSEN, NICK ANDREW, GB
[73] KRAFT FOODS R & D, INC., US
[85] 2015-01-13
[86] 2013-09-10 (PCT/US2013/058999)
[87] (WO2014/043106)
[30] US (13/612,487) 2012-09-12

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[13] C
[51] **Int.Cl. G03B 37/04 (2006.01) G01C 11/02 (2006.01)**
[25] EN
[54] **OPTOELECTRONIC PHOTO SENSOR**
[54] **RECEPTEUR OPTIQUE ET ELECTRONIQUE (ET VARIANTES)**
[72] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU
[72] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU
[72] GRIBACH, ALEKSANDR ALEKSEEVICH, RU
[72] IVANOV, VASILYI PETROVICH, RU
[72] MAXIMYAK, SERGEY PETROVICH, RU
[73] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU
[73] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU
[73] GRIBACH, ALEKSANDR ALEKSEEVICH, RU
[73] IVANOV, VASILYI PETROVICH, RU
[73] MAXIMYAK, SERGEY PETROVICH, RU
[85] 2015-01-19
[86] 2013-11-08 (PCT/RU2013/000995)
[87] (WO2014/081341)
[30] RU (2012149706) 2012-11-22

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[51] **Int.Cl. B21D 24/12 (2006.01) B21D 5/01 (2006.01) B21D 22/26 (2006.01)**
[25] EN
[54] **PRESS-FORMING TOOL AND METHOD FOR MANUFACTURING PRESS-FORMED PRODUCT**
[54] **MOULE DE FORMAGE SOUS PRESSION ET PROCEDE POUR FABRIQUER UN PRODUIT FORME SOUS PRESSION**
[72] YOSHIDA, TOHRU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-19
[86] 2012-12-19 (PCT/JP2012/082907)
[87] (WO2014/097421)

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[13] C
[51] **Int.Cl. G10L 21/0388 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **DEVICE, METHOD AND COMPUTER PROGRAM FOR FREELY SELECTABLE FREQUENCY SHIFTS IN THE SUBBAND DOMAIN**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME D'ORDINATEUR POUR DES DECALAGES DE FREQUENCE LIBREMENT SELECTIONNABLES DANS LES PLAGES DE SOUS-BANDES**
[72] NAGEL, FREDERIK, DE
[72] SCHNABEL, MICHAEL, DE
[72] NEUKAM, CHRISTIAN, DE
[72] SCHULLER, GERALD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] TECHNISCHE UNIVERSITAT ILMENAU, DE
[85] 2014-12-19
[86] 2013-07-01 (PCT/EP2013/063827)
[87] (WO2014/005992)
[30] US (61/667,119) 2012-07-02
[30] EP (12175808.0) 2012-07-10

[11] **2,880,078**
[13] C
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 2/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 2/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2880078)
[87] (2880078)
[22] 2015-01-27
[30] KR (10-2015-0009380) 2015-01-20

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[13] C
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 4/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 4/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2880079)
[87] (2880079)
[22] 2015-01-27
[30] KR (10-2015-0009382) 2015-01-20

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[13] C
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 3/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 3/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2880125)
[87] (2880125)
[22] 2015-01-27
[30] KR (10-2015-0009381) 2015-01-20

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[13] C
[51] **Int.Cl. H04W 4/06 (2009.01) H04L 12/18 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01) H04M 3/42 (2006.01) H04M 3/56 (2006.01) H04W 4/10 (2009.01) H04W 84/08 (2009.01) H04M 1/725 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INITIATING AND SHARING INCIDENT INFORMATION IN A COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR INITIER ET PARTAGER DES INFORMATIONS D'INCIDENT DANS UN SYSTEME DE COMMUNICATION**
[72] VASAVADA, PRANAV I., US
[72] BEDFORD, PATRICE A., US
[72] CAPOTA, OVIDIU A., US
[72] CHARLIER, MICHAEL L., US
[72] TRAN, CHI T., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-01-28
[86] 2013-07-15 (PCT/US2013/050430)
[87] (WO2014/022079)
[30] US (13/562,657) 2012-07-31

[11] **2,880,594**
[13] C
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/24 (2006.01) H04L 27/20 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 7/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS, UN TAUX DE CODAGE DE 7/15 ET UNE MODULATION PAR DEPLACEMENT DE PHASE A QUATRE ETATS, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2880594)
[87] (2880594)
[22] 2015-01-28
[30] KR (10-2014-0011492) 2014-01-29
[30] KR (10-2015-0002166) 2015-01-07

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[13] C
[51] **Int.Cl. F02C 7/36 (2006.01) F16H 3/44 (2006.01) F16H 59/74 (2006.01)**
[25] EN
[54] **METHOD FOR SETTING A GEAR RATIO OF A FAN DRIVE GEAR SYSTEM OF A GAS TURBINE ENGINE**
[54] **PROCEDE DE REGLAGE D'UN RAPPORT D'ENGRENAGE D'UN SYSTEME D'ENGRENAGE D'ENTRAINEMENT DE VENTILATEUR DE TURBINE A GAZ**
[72] SHERIDAN, WILLIAM G., US
[72] HASEL, KARL L., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[86] (2880937)
[87] (2880937)
[22] 2014-02-03
[62] 2,841,679
[30] US (13/758,086) 2013-02-04

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[13] C
[51] **Int.Cl. D21H 19/38 (2006.01) D21H 21/52 (2006.01)**
[25] EN
[54] **MONOMODAL PIGMENT PARTICLE COMPOSITION FOR USE IN PRINT MEDIUM**
[54] **COMPOSITION DE PARTICULE DE PIGMENT MONOMODAL DESTINEE A UN SUPPORT D'IMPRESSION**
[72] WEIHS, JAN PHILIPP, CH
[72] GROSSMANN, OLIVER PATRICK, CH
[72] BURI, MATTHIAS, CH
[72] HUNZIKER, PHILIPP, CH
[72] GANE, PATRICK A.C., CH
[72] GANTENBEIN, DANIEL, NO
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-02-13
[86] 2013-09-19 (PCT/EP2013/069525)
[87] (WO2014/044778)
[30] EP (12185246.1) 2012-09-20
[30] US (61/704,615) 2012-09-24

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[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **INFORMATION TRANSMISSION METHOD, APPARATUS, SYSTEM, AND TERMINAL**
[54] **PROCEDE POUR LA TRANSMISSION DE DONNEES, ET APPAREIL, SYSTEME, ET TERMINAL CORRESPONDANTS**
[72] ZHANG, XIAOLONG, CN
[72] RONG, KUNFENG, CN
[72] CHEN, WENXIAO, CN
[72] LIN, ZHIYUAN, CN
[72] YAO, SHAOMIAN, CN
[72] WENG, LETENG, CN
[72] SUN, XIAO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-17
[86] 2013-05-07 (PCT/CN2013/075278)
[87] (WO2014/032438)
[30] CN (201210307882.7) 2012-08-27

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[51] **Int.Cl. H04L 25/49 (2006.01)**
[25] EN
[54] **DATA TRANSFER**
[54] **TRANSFERT DE DONNEES**
[72] LESSO, JOHN PAUL, GB
[72] FRITH, PETER JOHN, GB
[72] PENNOCK, JOHN LAURENCE, GB
[73] CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD., GB
[85] 2015-02-18
[86] 2012-12-14 (PCT/GB2012/053151)
[87] (WO2013/088173)
[30] GB (1121524.1) 2011-12-14
[30] US (61/570,591) 2011-12-14
[30] GB (1207387.0) 2012-04-27
[30] US (61/639,287) 2012-04-27
[30] GB (1207379.7) 2012-04-27
[30] US (61/639,450) 2012-04-27
[30] US (61/673,635) 2012-07-19
[30] US (61/681,041) 2012-08-08
[30] GB (1215487.8) 2012-08-30
[30] US (61/695,228) 2012-08-30

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[25] EN
[54] **SYSTEMS AND METHODS FOR SEMI-PERSISTENT SCHEDULING OF WIRELESS COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES POUR UNE PROGRAMMATION SEMI-PERSISTANTE DE COMMUNICATIONS SANS FIL**
[72] HAN, SEUNGHEE, KR
[72] ZHU, YUAN, CN
[72] CHEN, XIAOGANG, CN
[72] DAVYDOV, ALEXEI, RU
[72] FWU, JONG-KAE, US
[73] INTEL CORPORATION, US
[85] 2015-02-17
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[54] **INJECTION MOLDING MACHINE**
[54] **MACHINE DE MOULAGE PAR INJECTION**
[72] SEIKA, KOUJI, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[86] (2883038)
[87] (2883038)
[22] 2015-02-25
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[54] **PACKAGING MATERIAL AND PACKAGING STRUCTURE MADE BY USING SAME**
[54] **MATERIAU DE CONDITIONNEMENT ET STRUCTURE DE CONDITIONNEMENT REALISEE A L'AIDE DE CELUI-CI**
[72] ISHIZAKI, YOICHI, JP
[72] OHTA, YOSHIHIRO, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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[86] 2013-09-24 (PCT/JP2013/075655)
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[54] **EXTERNAL FIXATOR**
[54] **FIXATEUR EXTERNE**
[72] JAY, RICHARD, US
[72] SMITH, JOSEPH J., US
[72] STORER, NORMAN G., III, US
[72] BARNITZ, JAMES C., US
[72] RELLO, MICHAEL J., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **APPARATUS AND METHOD FOR LATERAL WELL DRILLING**
[54] **APPAREIL ET PROCEDE POUR FORAGE DE PUITS LATERAL**
[72] JACOBSON, JEREMY C., US
[72] SAVAGE, JAMES M., US
[73] JACOBSON, JEREMY C., US
[73] SAVAGE, JAMES M., US
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[25] EN
[54] **HEMOGLOBIN-BASED OXYGEN CARRIER-CONTAINING PHARMACEUTICAL COMPOSITION FOR CANCER TARGETING TREATMENT AND PREVENTION OF CANCER RECURRENCE**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT UN TRANSPORTEUR D'OXYGENE A BASE D'HEMOGLOBINE POUR TRAITEMENT CIBLANT UN CANCER ET PREVENTION DE RECIDIVE DE CANCER**
[72] WONG, BING LOU, US
[72] WAI, NORMAN FUNG MAN, CA
[72] KWOK, SUI YI, CN
[72] LAU, SZE HANG, CN
[73] VISION GLOBAL HOLDINGS LTD., CN
[85] 2015-03-10
[86] 2013-10-11 (PCT/US2013/064418)
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[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF RETINAL DEGENERATION**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA DEGENERESCENCE RETINIENNE**
[72] CASE, CASEY C., US
[72] KAWANISHI, TORU, US
[72] KUNO, NORIYUKI, US
[73] SANBIO, INC., US
[85] 2015-03-18
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[25] EN
[54] **METHOD FOR REMOVING HEAVY METALS FROM WATER**
[54] **PROCEDE D'EXTRACTION DE METAUX LOURDS DE L'EAU**
[72] ZUBOT, WARREN, CA
[72] BUCHANAN, GAIL, CA
[73] SYNCRUDE CANADA LTD., CA
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[87] (2885507)
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[54] **COMPOSITIONS AND METHODS FOR INCREASED ETHANOL TITER FROM BIOMASS**
[54] **COMPOSITIONS ET PROCEDES POUR UN TITRE EN ETHANOL ACCRU A PARTIR DE BIOMASSE**
[72] YI, JIAN, US
[72] JESSEN, HOLLY J., US
[73] CARGILL, INCORPORATED, US
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[54] **SYSTEM, APPARATUS, AND METHOD FOR AUTOMATICALLY CONTROLLING A LOCOMOTIVE**
[54] **SYSTEME, APPAREIL ET PROCEDE PERMETTANT DE COMMANDER AUTOMATIQUEMENT UNE LOCOMOTIVE**
[72] KERNWEIN, JEFFREY D., US
[72] GILLEN, DONALD J., US
[72] KLEMANSKI, RICHARD S., US
[72] ROUSE, SHAWN D., US
[72] SOLLARS, SCOTT A., US
[73] WABTEC HOLDING CORP., US
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[54] **CONCEPTS FOR ASSET IDENTIFICATION**
[54] **CONCEPTS POUR L'IDENTIFICATION D'UN BIEN**
[72] SKONBERG, CARL M., US
[72] PYZOCHA, ERNEST J., JR., US
[72] HILL, ANDREW J., III, US
[72] MCFARLAND, BOBBY J., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2015-03-25
[86] 2013-09-26 (PCT/US2013/061833)
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[54] **VORTEX GENERATORS FOR WIND POWER INSTALLATIONS**
[54] **GENERATEURS DE TOURBILLON DESTINES A DES INSTALLATIONS D'ENERGIE EOLIENNE**
[72] ALTMIKUS, ANDREE, DE
[72] KAMRUZZAMAN, MOHAMMAD, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-03-26
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[25] EN
[54] **COMPUTER-IMPLEMENTED CALL CENTER ARCHITECTURE AND METHOD FOR OPTIMIZING CUSTOMER EXPERIENCE THROUGH IN-BAND EXPERT INTERVENTION**
[54] **ARCHITECTURE DE CENTRE D'APPEL INFORMATISE ET METHODE D'OPTIMISATION DE L'EXPERIENCE CLIENT PAR INTERVENTION D'EXPERT INTEGRE DANS LA BANDE**
[72] MILSTEIN, DAVID, US
[72] ODINAK, GILAD, US
[72] LEE, HOWARD M., US
[73] INTELLISIST, INC., US
[86] (2886609)
[87] (2886609)
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[25] EN
[54] **KNITTED STENT JACKETS**
[54] **ENVELOPPES DE STENT A MAILLES**
[72] HOLZER, ASHER, IL
[72] BAR, ELI, IL
[72] PAZ, OFIR, IL
[73] INSPIREMD LTD., IL
[86] (2887189)
[87] (2887189)
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[25] EN
[54] **HAMMERTOE IMPLANT AND INSTRUMENT**
[54] **IMPLANT ET INSTRUMENT RELATIFS A UN ORTEIL EN MARTEAU**
[72] MCCORMICK, DANIEL F., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-08
[86] 2014-09-18 (PCT/US2014/056315)
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[54] **RE -ATTACHING TO THE NETWORK AFTER RECEPTION OF A SERVICE REJECT AT A USER EQUIPMENT IN RESPONSE TO A SERVICE REQUEST**
[54] **RATTACHEMENT AU RESEAU APRES RECEPTION D'UN REJET DE SERVICE AU NIVEAU D'UN EQUIPEMENT UTILISATEUR EN REPONSE A UNE DEMANDE DE SERVICE**
[72] BERGIUS, HANNU, FI
[72] KOSKINEN, JUSSI-PEKKA, FI
[72] KOSKELA, JARKKO TUOMO, FI
[72] KAIKKONEN, JORMA, FI
[73] NOKIA TECHNOLOGIES OY, FI
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[25] EN
[54] **FIXATION DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] WONG, KIAN-MING, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-03-25
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[51] **Int.Cl. H04N 5/14 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING VIDEO IMAGE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGE VIDEO**
[72] LEI, WEILIN, CN
[72] LU, CHANGJUN, CN
[73] LEYARD OPTOELECTRONIC CO., LTD., CN
[85] 2015-04-17
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[54] **TALAR DOME FIXATION STEM**
[54] **TIGE DE FIXATION DE LA TETE D'ASTRAGALE**
[72] WONG, KIAN-MING, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[25] EN
[54] **ENDOVASCULAR PROSTHESIS AND METHOD FOR DELIVERY OF AN ENDOVASCULAR PROSTHESIS**
[54] **PROTHESE ENDOVASCULAIRE ET METHODE D'INTRODUCTION D'UNE PROTHESE ENDOVASCULAIRE**
[72] TIPPETT, JONATHAN G., CA
[72] FUNG, ERIC SOUN-SANG, CA
[72] RICCI, DONALD R., CA
[72] PENN, IAN M., CA
[73] EVASC NEUROVASCULAR ENTERPRISES ULC, CA
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[25] EN
[54] **GRADIENT-BASED SINGLE WELL SAGD RANGING SYSTEM**
[54] **SYSTEME DE TELEMETRIE SAGD POUR PUITS UNIQUE, FONDE SUR DES GRADIENTS**
[72] DONDERICI, BURKAY, US
[72] MOSS, CLINTON, US
[72] UPSHALL, MALCOLM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-30
[86] 2013-12-06 (PCT/US2013/073706)
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[30] US (61/734,677) 2012-12-07
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[54] **BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] MCAULEY, ALASTAIR EDWIN, NZ
[72] ERSTICH, EVAN STUART, NZ
[72] GLEESON, OLIVER, NZ
[72] FREEMAN, SIMON ERIC, NZ
[72] DAVIES, NEIL GLEN, NZ
[72] SCHOENBERG, STEPHEN JOHN, NZ
[72] LAW, KAMAN, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[86] (2890556)
[87] (2890556)
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[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **TISSUE-REMOVING CATHETER INCLUDING OPERATIONAL CONTROL MECHANISM**
[54] **CATHETER DE RETRAIT DE TISSU COMPRENANT UN MECANISME DE COMMANDE FONCTIONNELLE**
[72] FRULAND, BENJAMIN, US
[72] NIGH, CASSANDRA, US
[72] LADD, BRYAN, US
[72] KESSLER, JASON, US
[73] COVIDIEN LP, US
[85] 2015-04-29
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[25] EN
[54] **WELL RUNNER**
[54] **UNITE D'ENTRAINEMENT DE FOND DE PUITS**
[72] GUTTORMSEN, PETTER, NO
[72] ELLINGSEN, JAN, NO
[72] TARAYRE, CHRISTOPHE, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-12
[86] 2012-11-26 (PCT/NO2012/050235)
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[25] EN
[54] **METHODS AND APPARATUS FOR APPLYING ADHESIVES IN PATTERNS TO AN ADVANCING SUBSTRATE**
[54] **PROCEDES ET APPAREIL D'APPLICATION D'ADHESIFS DANS DES MOTIFS SUR UN SUBSTRAT AVANCANT**
[72] BROWN, DARRELL IAN, US
[72] STRASEMEIER, JOHN ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-05-25
[86] 2013-11-11 (PCT/US2013/069381)
[87] (WO2014/085063)
[30] US (13/685,817) 2012-11-27

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[25] EN
[54] **IMPROVED STRUCTURING WITH THREADS OF NON-POLYMERIC, CRYSTALLINE, HYDROXYL-CONTAINING STRUCTURING AGENTS**
[54] **STRUCTURATION AMELIOREE AVEC DES FILS D'AGENTS STRUCTURANTS NON POLYMERES, CRISTALLINS, CONTENANT UN HYDROXYLE**
[72] DE MEIRLEIR, NIELS, BE
[72] BROECKX, WALTER AUGUST MARIA, BE
[72] PELLENS, LINDA, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-04
[86] 2013-12-10 (PCT/US2013/074044)
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[25] EN
[54] **ANTIGENS BASED ON NEISSERIA SPECIES ORF 2086 PROTEIN AND COMPOSITIONS COMPRISING SUCH ANTIGENS**
[54] **ANTIGENES FONDES SUR LA PROTEINE ORF 2086 DE L'ESPECE NEISSERIA ET COMPOSITIONS RENFERMANT DE TELS ANTIGENES**
[72] ZLOTNICK, GARY W., US
[72] FLETCHER, LEAH D., US
[72] FARLEY, JOHN, US
[72] BERNFIELD, LIESEL A., US
[72] ZAGURSKY, ROBERT J., US
[72] METCALF, BENJAMIN J., US
[73] WYETH HOLDINGS LLC, US
[86] (2894296)
[87] (2894296)
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[51] **Int.Cl. E21B 49/02 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **DOWNHOLE MULTIPLE CORE OPTICAL SENSING SYSTEM**
[54] **SYSTEME DE DETECTION OPTIQUE A C□URS MULTIPLES DE FOND DE TROU**
[72] JAASKELAINEN, MIKKO, US
[72] MITCHELL, IAN B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-09
[86] 2014-02-10 (PCT/US2014/015480)
[87] (WO2014/149226)
[30] US (13/847,165) 2013-03-19

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[13] C
[51] **Int.Cl. B65D 85/00 (2006.01) A45C 11/16 (2006.01) B65D 50/00 (2006.01)**
[25] EN
[54] **ANTI-TAMPER METHOD AND PACKAGING FOR IMPORTANT AND VALUABLE ITEMS**
[54] **PROCEDE ANTI-EFFRACTION ET EMBALLAGE POUR OBJETS IMPORTANTS ET PRECIEUX**
[72] SOKOL, KONSTANTIN PAVLOVICH, RU
[73] SOKOL, KONSTANTIN PAVLOVICH, RU
[85] 2015-06-10
[86] 2013-12-18 (PCT/RU2013/001135)
[87] (WO2014/104936)
[30] RU (2012156941) 2012-12-26

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[51] **Int.Cl. B29B 7/56 (2006.01) B29B 7/00 (2006.01) B29B 7/68 (2006.01) B29B 7/72 (2006.01) B29C 43/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING ELASTOMER COMPOSITE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE COMPOSITE ELASTOMERE**
[72] GROSZ, RON, US
[72] GOOCH, LAWRENCE R., US
[73] CABOT CORPORATION, US
[85] 2015-06-10
[86] 2014-01-13 (PCT/US2014/011278)
[87] (WO2014/110499)
[30] US (61/752,223) 2013-01-14
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[13] C
[51] **Int.Cl. A41D 1/02 (2006.01) A41D 27/00 (2006.01) A45F 5/02 (2006.01)**
[25] EN
[54] **LOAD-BEARING JACKET**
[54] **ENVELOPPE PORTEUSE DE CHARGE**
[72] RUDICK, LUKE, US
[73] RUDICK ENTERPRISES INC., US
[86] (2895004)
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[22] 2015-06-19
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[51] **Int.Cl. F04B 49/06 (2006.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) G05B 19/042 (2006.01) H02P 23/00 (2016.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DIRECTLY DRIVING A BEAM PUMPING UNIT BY A ROTATING MOTOR**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'ENTRAINER DIRECTEMENT UNE UNITE DE POMPAGE A BALANCIER AU MOYEN D'UN MOTEUR ROTATIF**
[72] LIU, HANGXIAN, CN
[72] LIU, RONGFAN, CN
[73] KUNSHAN YUELI ELECTRIC CO., CN
[85] 2015-02-13
[86] 2014-12-30 (PCT/CN2014/095604)
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[51] **Int.Cl. B29C 45/26 (2006.01)**
[25] EN
[54] **MOLD FOR RESIN INJECTION MOLDING**
[54] **MOULE DESTINE AU MOULAGE DE RESINE PAR INJECTION**
[72] AMAYA, KOUICHI, JP
[72] URUSHIZAKI, YUKINORI, JP
[72] TANAKA, RYUZO, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[86] (2896000)
[87] (2896000)
[22] 2015-06-30
[30] JP (JP 2015-081079) 2015-04-10

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[51] **Int.Cl. G07B 15/00 (2011.01) B25J 9/00 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **TEST AUTOMATION FOR AUTOMATED FARE MANAGEMENT SYSTEMS**
[54] **AUTOMATISATION DE TEST DESTINEE AUX SYSTEMES DE GESTION DE TARIF AUTOMATISEE**
[72] SOMANI, AVISHEK, CA
[72] RAINA, SUNIL, US
[72] DHAR, PRAVEEN, CA
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2896050)
[87] (2896050)
[22] 2015-07-03
[30] US (14/447,916) 2014-07-31

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[25] EN
[54] **BOGEY STYLE TORQUE BUSHING FOR TOP DRIVE**
[54] **DOUILLE A CONTROLE DE COUPLE DE TYPE BOGIE POUR UN ENTRAINEMENT PAR LE HAUT**
[72] YAJURE, EDGAR FERNANDO, CA
[72] BOWLEY, RYAN THOMAS, CA
[73] TESCO CORPORATION, US
[85] 2015-06-19
[86] 2013-12-24 (PCT/US2013/077650)
[87] (WO2014/105882)
[30] US (61/746,873) 2012-12-28
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[51] **Int.Cl. A61F 2/01 (2006.01) A61F 2/95 (2013.01) A61B 17/221 (2006.01)**
[25] EN
[54] **CONNECTION OF AN ENDOVASCULAR INTERVENTION DEVICE TO A MANIPULATION MEMBER**
[54] **RACCORDEMENT D'UN DISPOSITIF D'INTERVENTION ENDOVASCULAIRE A UN ELEMENT DE MANIPULATION**
[72] LOSORDO, MICHAEL LOUIS, US
[72] MOLAEI, MASOUD, US
[72] WAINWRIGHT, JOHN, US
[72] EPSTEIN, EVAN DAVID, US
[72] JOHNSON, GARRETT, US
[72] BUSS, JOACHIM, US
[73] COVIDIEN LP, US
[85] 2015-07-02
[86] 2013-11-26 (PCT/US2013/071956)
[87] (WO2014/109840)
[30] US (61/750,742) 2013-01-09
[30] US (13/834,945) 2013-03-15
[30] US (13/835,130) 2013-03-15

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[51] **Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) F02C 7/14 (2006.01) F15D 1/02 (2006.01)**
[25] EN
[54] **PRE-COOLER INLET DUCTS THAT UTILIZE ACTIVE FLOW-CONTROL AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **CONDUITS D'ENTREE DE PREREFROIDISSEUR QUI EMPLOIENT UNE COMMANDE DE DEBIT ACTIVE, ET SYSTEMES ET METHODES LES RENFERMANT**
[72] PACKARD, NATHAN O., US
[72] WILLIE, ROBERT H., US
[72] TRETOW, PAUL R., US
[73] THE BOEING COMPANY, US
[86] (2897254)
[87] (2897254)
[22] 2015-07-13
[30] US (14/491,778) 2014-09-19

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[51] **Int.Cl. H04W 28/08 (2009.01)**
[25] EN
[54] **OFFLOAD PROCESSING METHOD, CONTROL UNIT, AND SYSTEM**
[54] **PROCEDE DE DERIVATION, ET SYSTEME ET UNITE DE COMMANDE**
[72] HU, XIAOQUN, CN
[72] JI, XIAOJUN, CN
[72] DAI, YUHONG, CN
[72] ZHU, HAOBING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-07-06
[86] 2013-01-07 (PCT/CN2013/070157)
[87] (WO2014/106344)

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[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **RELAY APPARATUS, RELAY SATELLITE, AND SATELLITE COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE RELAIS, SATELLITE RELAIS, ET SYSTEME DE COMMUNICATION PAR SATELLITE**
[72] FUJIMURA, AKINORI, JP
[72] SASAKI, TSUYOSHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-07-14
[86] 2014-01-10 (PCT/JP2014/050359)
[87] (WO2014/112442)
[30] JP (PCT/JP2013/050581) 2013-01-15

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[51] **Int.Cl. B01J 19/24 (2006.01) B01J 8/02 (2006.01) B01J 35/02 (2006.01) C01B 3/38 (2006.01) C07C 1/04 (2006.01)**
[25] EN
[54] **CATALYTIC REACTOR**
[54] **REACTEUR CATALYTIQUE**
[72] KAMATA, HIROYUKI, JP
[72] HAMADA, KOKI, JP
[72] YOSHINOYA, TAKUYA, JP
[73] IHI CORPORATION, JP
[85] 2015-07-29
[86] 2014-02-05 (PCT/JP2014/052662)
[87] (WO2014/123152)
[30] JP (2013-020987) 2013-02-06

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[13] C
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **BRA INCORPORATING SHAPE MEMORY POLYMERS AND METHOD OF MANUFACTURE THEREOF**
[54] **SOUTIEN-GORGE INTEGRANT DES POLYMERES A MEMOIRE DE FORME ET METHODE DE FABRICATION ASSOCIEE**
[72] RANDALL, TRACEY, US
[72] MUHLENFELD, STEPHANIE KRISTIN, US
[72] HAYASHI, SHUNICHI, JP
[72] VANSIA, MAYUR, US
[73] MAST INDUSTRIES (FAR EAST) LIMITED, HK
[86] (2899757)
[87] (2899757)
[22] 2015-08-06
[30] US (62/036,723) 2014-08-13
[30] US (62/116,081) 2015-02-13
[30] US (14/809,835) 2015-07-27

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[51] **Int.Cl. C11D 1/02 (2006.01) C11D 1/62 (2006.01) C11D 3/386 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **METHOD OF LAUNDERING A FABRIC WITH A LIPID ESTERASE, A CATIONICALLY CHARGED FABRIC SOFTENING ACTIVE AND A LAUNDRY DETERGENT COMPOSITION**
[54] **METHODE DE LAVAGE D'UN TISSU AU MOYEN D'UNE ESTERASE DE LIPIDE, D'UN INGREDIENT ACTIF ASSOUPLISSEUR DE TISSUS CHARGE DE MANIERE CATIONIQUE ET D'UNE COMPOSITION DE DETERGENT A LESSIVE**
[72] LANT, NEIL JOSEPH, GB
[72] BENNIE, LINSEY SARAH, GB
[72] PATTERSON, STEVEN GEORGE, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-07-29
[86] 2014-02-19 (PCT/US2014/017059)
[87] (WO2014/130512)
[30] EP (13155780.3) 2013-02-19

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[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/18 (2006.01)**
[25] EN
[54] **DEWATERING LEAN ZONES WITH NCG INJECTION USING PRODUCTION AND INJECTION WELLS**
[54] **DESHYDRATATION DE ZONES PAUVRES PAR INJECTION DE GNC DANS LES PUITS DE PRODUCTION ET D'INJECTION**
[72] SHEIKHA, HUSSAIN, CA
[72] PARMAR, GOVINDER SINGH, CA
[72] AGHABARATI, HOSSEIN, CA
[72] MACDONALD, HEATHER LYNN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2899805)
[87] (2899805)
[22] 2015-08-04

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[51] **Int.Cl. C12Q 1/689 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6858 (2018.01) C07H 21/04 (2006.01) C12N 15/31 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **SEQUENCES FOR THE DETECTION AND IDENTIFICATION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS MREJ TYPE V STRAINS**
[54] **SEQUENCES DE DETECTION ET D'IDENTIFICATION DE SOUCHES DE STAPHYLOCOCCUS AUREUS MREJ DE TYPE V RESISTANT A LA METHICILLINE**
[72] HULETSKY, ANN, CA
[72] ROSSBACH, VALERY, CA
[73] GENEOHM SCIENCES CANADA INC., CA
[86] (2899816)
[87] (2899816)
[22] 2002-06-04
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[51] **Int.Cl. E21B 43/22 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF A SUBTERRANEAN FORMATION**
[54] **PROCEDES POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE**
[72] ALAM, MD MONSUR, US
[72] FULTON, DWIGHT, US
[72] CHOUDHARY, YOGESH KUMAR, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-30
[86] 2014-03-07 (PCT/US2014/021943)
[87] (WO2014/159097)
[30] US (13/799,421) 2013-03-13

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[13] C
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **ACCESS CONTROL PORTAL**
[54] **PORTAIL DE CONTROLE D'ACCES**
[72] MANNESCHI, ALESSANDRO, IT
[73] COSTRUZIONI ELETTRONICHE INDUSTRIALI AUTOMATISMI S.P.A. C.E.I.A. S.P.A., IT
[86] (2900233)
[87] (2900233)
[22] 2015-08-12
[30] FR (1457832) 2014-08-14

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[13] C
[51] **Int.Cl. F04D 29/44 (2006.01) F04D 25/08 (2006.01) F04D 29/54 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **PLASTIC FAN SHROUD AND CONE ASSEMBLY AND METHOD**
[54] **ENSEMBLE D'ENVELOPPE ET DE CONE POUR VENTILATEUR EN PLASTIQUE ET METHODE**
[72] WENGER, CURTIS, US
[72] KRAFT, JAMES R., US
[73] CTB, INC., US
[86] (2900247)
[87] (2900247)
[22] 2012-08-17
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[30] US (13/215,840) 2011-08-23

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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INFUSION TUBING TRACING SYSTEM USING VIBRATION GENERATOR AND VIBRATION SENSOR**
[54] **SYSTEME DE TRACAGE DE TUBULURE D'INJECTION UTILISANT UN GENERATEUR DE VIBRATIONS ET UN CAPTEUR DE VIBRATIONS**
[72] CHANDRASENAN, SREELAL, US
[73] CURLIN MEDICAL INC., US
[85] 2015-08-06
[86] 2014-03-13 (PCT/US2014/025157)
[87] (WO2014/151170)
[30] US (13/833,305) 2013-03-15

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[13] C
[51] **Int.Cl. A61M 25/10 (2013.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DRUG DELIVERY BALLOON APPARATUS**
[54] **APPAREIL A BALLONNET POUR L'ADMINISTRATION DE MEDICAMENTS**
[72] KELLY, PATRICK W., US
[73] SANFORD HEALTH, US
[85] 2015-08-12
[86] 2014-04-04 (PCT/US2014/032964)
[87] (WO2014/165751)
[30] US (61/809,176) 2013-04-05

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[51] **Int.Cl. G01S 13/02 (2006.01)**
[25] EN
[54] **SURFACE WAVE RADAR**
[54] **RADAR A ONDES DE SURFACE**
[72] ABRAMOVICH, YURI, AU
[72] SPENCER, NICHOLAS KEITH, AU
[72] ELLARD, ROBERT M., AU
[72] LYUDVIGA, YURIY, AU
[72] TURCAJ, PAVEL, AU
[73] TELSTRA CORPORATION LIMITED, AU
[86] (2901610)
[87] (2901610)
[22] 2002-11-12
[62] 2,411,615
[30] AU (PR8811/01) 2001-11-12

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[13] C
[51] **Int.Cl. H01P 3/12 (2006.01) H01P 3/16 (2006.01) H01P 5/08 (2006.01)**
[25] EN
[54] **WAVEGUIDE-BASED WIRELESS DISTRIBUTION SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME DE DISTRIBUTION SANS FIL A GUIDE D'ONDES ET PROCEDE DE FONCTIONNEMENT**
[72] BECKER, CHARLES D., US
[73] WIRELESS EXPRESSWAYS INC., US
[86] (2901652)
[87] (2901652)
[22] 2006-09-15
[62] 2,622,907
[30] US (60/718,419) 2005-09-19

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[13] C
[51] **Int.Cl. B60C 17/04 (2006.01)**
[25] EN
[54] **A RUNFLAT DEVICE AND FITTING METHOD**
[54] **DISPOSITIF DE ROULAGE A PLAT ET PROCEDE DE MONTAGE**
[72] LUST, RICHARD, GB
[73] RUN FLAT SYSTEMS LIMITED, GB
[85] 2015-08-18
[86] 2014-02-19 (PCT/GB2014/050485)
[87] (WO2014/128461)
[30] GB (1303023.4) 2013-02-20

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[13] C
[51] **Int.Cl. A61L 27/54 (2006.01) A61L 27/48 (2006.01)**
[25] EN
[54] **CHEMICAL GRADIENTS**
[54] **GRADIENTS CHIMIQUES**
[72] ROMERO-ORTEGA, MARIO I., US
[72] LOTFI, PARISA, US
[72] JOHNSTON, BENJAMIN R., US
[72] DASH, SWARUPNARAYAN, US
[72] RAZAL, JOSELITO, AU
[72] WALLACE, GORDON, AU
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-08-19
[86] 2014-02-18 (PCT/US2014/016905)
[87] (WO2014/130449)
[30] US (61/766,366) 2013-02-19

[11] **2,902,538**
[13] C
[51] **Int.Cl. B32B 5/18 (2006.01) B60H 1/24 (2006.01) C08G 73/10 (2006.01) F16L 59/02 (2006.01)**
[25] EN
[54] **AEROGEL INSULATION PANELS AND MANUFACTURING THEREOF**
[54] **PANNEAU D'ISOLATION PAR AEROGEL ET FABRICATION ASSOCIEE**
[72] WHITE, SHANNON O., US
[72] ZAFIROPOULOS, NICHOLAS A., US
[72] CLARK, JIMMY L., US
[73] ASPEN AEROGELS, INC., US
[85] 2015-08-25
[86] 2014-03-10 (PCT/US2014/022812)
[87] (WO2014/197028)
[30] US (61/774,660) 2013-03-08

[11] **2,903,308**
[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B21D 51/38 (2006.01) B23G 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A THREADED NECK ON A METALLIC BOTTLE**
[54] **PROCEDE ET APPAREIL POUR FORMER UN GOULOT FILETE SUR UNE BOUTEILLE METALLIQUE**
[72] ROBINSON, GREG, US
[72] BONFOEY, DAVID J., US
[72] JOHNSON, DEAN L., US
[72] SCOTT, ANTHONY J., US
[73] BALL CORPORATION, US
[85] 2015-08-31
[86] 2014-03-14 (PCT/US2014/028303)
[87] (WO2014/144055)
[30] US (61/799,214) 2013-03-15

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[13] C
[51] **Int.Cl. F16F 7/12 (2006.01) F16F 7/00 (2006.01)**
[25] EN
[54] **IMPACT-ABSORBING COMPONENT**
[54] **COMPOSANT AMORTISSEUR DE CHOCS**
[72] KOGA, ATSUO, JP
[72] OHISHI, HIROSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-09-03
[86] 2014-03-03 (PCT/JP2014/055343)
[87] (WO2014/136733)
[30] JP (2013-042208) 2013-03-04

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[13] C
[51] **Int.Cl. C01B 32/19 (2017.01) B82Y 30/00 (2011.01) C01B 32/184 (2017.01)**
[25] EN
[54] **LARGE SCALE OXIDIZED GRAPHENE PRODUCTION FOR INDUSTRIAL APPLICATIONS**
[54] **PRODUCTION DE GRAPHENE OXYDE A GRANDE ECHELLE POUR DES APPLICATIONS INDUSTRIELLES**
[72] BLAIR, RICHARD, US
[73] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2015-09-03
[86] 2014-03-07 (PCT/US2014/021810)
[87] (WO2014/138596)
[30] US (61/774,633) 2013-03-08

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[13] C
[51] **Int.Cl. G01N 24/08 (2006.01) G01F 1/74 (2006.01) G01R 33/46 (2006.01)**
[25] EN
[54] **MULTI-PHASE METERING DEVICE FOR OILFIELD APPLICATIONS**
[54] **DEBITMETRE MULTIPHASIQUE POUR APPLICATIONS DE CHAMP PETROLIFERE**
[72] KRIOUTCHKOV, SERGUEI I., CA
[72] KANTZAS, APOSTOLOS, CA
[72] WANG, ZHENG YIN, CA
[73] PERM INSTRUMENTS INC., CA
[86] (2904267)
[87] (2904267)
[22] 2010-10-13
[62] 2,717,541

[11] **2,904,281**
[13] C
[51] **Int.Cl. H04L 12/911 (2013.01) H04L 12/733 (2013.01) G06F 9/50 (2006.01) H04L 9/32 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **AUTOMATED DATA CENTER SELECTION**
[54] **SELECTION AUTOMATIQUE DE CENTRE DE DONNEES**
[72] SURYANARAYANAN, DEEPAK, US
[72] BROWN, DAVID EVERARD, US
[72] AH KUN, MALCOLM RUSSELL, US
[72] FARRELL, EUGENE MICHAEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020412)
[87] (WO2014/164076)
[30] US (13/794,595) 2013-03-11

[11] **2,904,551**
[13] C
[51] **Int.Cl. H04N 19/577 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/159 (2014.01) H04N 19/59 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION DE COMPENSATION DE MOUVEMENT**
[72] BOSSEN, FRANK JAN, US
[73] NTT DOCOMO, INC., JP
[86] (2904551)
[87] (2904551)
[22] 2012-06-22
[62] 2,839,704
[30] US (61/501,112) 2011-06-24

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[13] C
[51] **Int.Cl. H04N 19/154 (2014.01) H04N 19/126 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **IMPROVED METHOD OF BIT ALLOCATION FOR IMAGE & VIDEO COMPRESSION USING PERCEPTUAL GUIDANCE**
[54] **PROCEDE AMELIORE D'ATTRIBUTION DE BITS POUR COMPRESSION D'IMAGE & VIDEO A L'AIDE D'UN GUIDAGE PERCEPTUEL**
[72] MCCARTHY, SEAN T., US
[72] BORGWARDT, PETER A., US
[72] KAMARSHI, VIJAY, US
[72] SAXENA, SHIV, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-09-08
[86] 2014-03-01 (PCT/US2014/019722)
[87] (WO2014/149576)
[30] US (13/841,865) 2013-03-15

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[13] C
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **TRANSMITTERS, RECEIVERS AND METHODS OF TRANSMITTING AND RECEIVING WITH SCATTERED AND CONTINUOUS PILOTS IN AN OFDM SYSTEM**
[54] **EMETTEURS, RECEPTEURS ET PROCEDES D'EMISSION ET RECEPTION AVEC PILOTES DIFFUS ET CONTINUS DANS UN SYSTEME OFDM**
[72] ASJADI, GHOLAM HOSEIN, GB
[73] SONY CORPORATION, JP
[85] 2015-09-09
[86] 2014-02-14 (PCT/GB2014/050441)
[87] (WO2014/140520)
[30] GB (1304531.5) 2013-03-13

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[13] C
[51] **Int.Cl. F24H 1/18 (2006.01) F25B 7/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PRE-HEATING WATER WITH AIR CONDITIONING UNIT OR HEAT PUMP**
[54] **APPAREIL ET METHODES DE PRE-CHAUFFAGE DE L'EAU A L'AIDE D'UN APPAREIL DE CONDITIONNEMENT DE L'AIR OU D'UNE POMPE THERMIQUE**
[72] LEETE, KLINT E., US
[72] HAWKINS, TIMOTHY B., US
[72] BABB, JEREMY L., US
[73] RHEEM MANUFACTURING COMPANY, US
[85] 2015-09-10
[86] 2014-02-26 (PCT/US2014/018699)
[87] (WO2014/163898)
[30] US (61/779,087) 2013-03-13
[30] US (14/189,192) 2014-02-25

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[13] C
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **LIGHT WEIGHT PROPPANT WITH IMPROVED STRENGTH AND METHODS OF MAKING SAME**
[54] **AGENT DE SOUTENEMENT LEGER A RESISTANCE AMELIOREE ET SES PROCEDES DE FABRICATION**
[72] CHATTERJEE, DILLIP, US
[72] PHAM, JODY, US
[72] WU, SHANGUA, US
[72] XIE, YUMING, US
[72] COKER, CHRISTOPHER E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2905709)
[87] (2905709)
[22] 2011-10-06
[62] 2,812,578
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[13] C
[51] **Int.Cl. A61F 2/848 (2013.01) A61F 2/915 (2013.01)**
[25] EN
[54] **ANTI-MIGRATION TISSUE ANCHORING SYSTEM FOR A FULLY COVERED STENT**
[54] **SYSTEME D'ANCRAGE DE TISSU ANTI-MIGRATION POUR UNE ENDOPROTHESE TOTALEMENT RECOUVERTE**
[72] SEDDON, DANE T., US
[72] FLEURY, SEAN P., US
[72] WOOD, MARK D., US
[72] DORAN, BURNS P., US
[72] ROSS, DANIEL, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-09-11
[86] 2014-03-10 (PCT/US2014/022639)
[87] (WO2014/159237)
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[25] EN
[54] **COMPOUNDS, COMPOSITION, AND METHOD FOR ENHANCED OIL RECOVERY USING SULFUR SURFACTANTS**
[54] **COMPOSES, COMPOSITION ET PROCEDE POUR UNE MEILLEURE RECUPERATION DU PETROLE EN UTILISANT DES TENSIOACTIFS SOUFRES**
[72] MAC EWAN, KIMBERLEY D., US
[72] NAVARRETE, REINALDO C., US
[72] YANG, CHAO, US
[73] INGEVITY SOUTH CAROLINA, LLC, US
[85] 2015-09-11
[86] 2014-03-13 (PCT/US2014/025393)
[87] (WO2014/151296)
[30] US (61/786,662) 2013-03-15

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[54] **GUTTER LEAF SLIDE BRIDGE**
[54] **PONT COULISSANT POUR FEUILLES POUR GOUTTIERE**
[72] NELSON, JEROME W., US
[73] B & J CONCEPTS, LLC, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027414)
[87] (WO2014/152506)
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[54] **ROTARY ACTUATOR**
[54] **ACTIONNEUR ROTATIF**
[72] KOPP, JOHN, US
[72] SCHLEIFE, MATTHEW, US
[73] MOOG INC., US
[85] 2015-09-14
[86] 2014-03-11 (PCT/US2014/023284)
[87] (WO2014/150446)
[30] US (13/844,749) 2013-03-15

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[51] **Int.Cl. H01M 8/04537 (2016.01)**
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[54] **FUEL CELL SYSTEM AND MAXIMUM POWER CALCULATION METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CALCUL DE LA PUISSANCE MAXIMALE**
[72] BONO, TETSUYA, JP
[72] SHIOKAWA, SATOSHI, JP
[72] HAMANOI, OSAMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2906493)
[87] (2906493)
[22] 2015-09-29
[30] JP (2014-225229) 2014-11-05

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[54] **UNICONDYLAR TIBIAL KNEE IMPLANT**
[54] **PROTHESE UNICOMPARTIMENTALE DE GENOU**
[72] COHEN, ROBERT CRAIG, US
[72] FRANK, PHILIP HARRIS, US
[73] MAKO SURGICAL CORP., US
[85] 2015-09-14
[86] 2014-03-14 (PCT/US2014/027827)
[87] (WO2014/143740)
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[51] **Int.Cl. A23G 1/30 (2006.01) A23G 1/10 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A HEAT STABLE CHOCOLATE CONFECTIONERY PRODUCT**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT DE CONFISERIE A BASE DE CHOCOLAT STABLE A LA CHALEUR**
[72] WANG, XIAOYING, US
[72] BAKER, BRIAN, US
[72] WORTHING, DAVID, US
[72] PEREZ GONZALEZ, MARIA J., US
[72] MONGIA, GAGAN, US
[73] THE HERSHEY COMPANY, US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/027398)
[87] (WO2014/152491)
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[51] **Int.Cl. G01R 31/34 (2006.01)**
[25] EN
[54] **SURFACE POTENTIAL DISTRIBUTION MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE DISTRIBUTION DE POTENTIEL DE SURFACE**
[72] FURUKAWA, MASAAKI, JP
[72] TSUBOI, YUICHI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] KUMADA, AKIKO, JP
[72] HIDAKA, KUNIHIKO, JP
[72] IKEDA, HISATOSHI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2015-09-17
[86] 2013-03-19 (PCT/JP2013/001872)
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[54] **VERTICAL TURBINE SYSTEM WITH FLOW DIVERTERS**
[54] **SYSTEME DE TURBINE VERTICALE A GUIDES DE FLUX**
[72] KISELOVS, JURIJS, LV
[73] FILIPOVS, GIRTS, LV
[73] KISELOVS, JURIJS, LV
[85] 2015-09-21
[86] 2014-03-21 (PCT/LV2014/000004)
[87] (WO2014/148879)
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[25] EN
[54] **COMPOSITION FOR EXTERNAL USE PREPARATION WITH IMPROVED TRANSDERMAL PERMEABILITY**
[54] **COMPOSITION POUR PREPARATION A USAGE EXTERNE DOTEE DE PERMEABILITE TRANSDERMIQUE AMELIOREE**
[72] LEE, DONG IL, KR
[72] YOON, MIN JI, KR
[72] LEE, PUNG SOK, KR
[73] HYUNDAI PHARM CO., LTD., KR
[85] 2015-09-24
[86] 2014-03-28 (PCT/KR2014/002676)
[87] (WO2014/163338)
[30] KR (10-2013-0036912) 2013-04-04
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[25] EN
[54] **FORM FOR CASTING A CONCRETE LIGHT POLE BASE**
[54] **MOULE POUR COULER UNE BASE DE POTEAU D'ECLAIRAGE EN BETON**
[72] MANTHEI, BENJAMIN R., US
[73] REDI-ROCK INTERNATIONAL, LLC, US
[85] 2015-09-24
[86] 2014-03-14 (PCT/US2014/027426)
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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PERFORMING ACCESS IN WIRELESS LAN SYSTEM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'EFFECTUER UN ACCES DANS UN SYSTEME LAN SANS FIL**
[72] KIM, JEONGKI, KR
[72] CHO, HANGYU, KR
[72] CHOI, JINSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-09-28
[86] 2013-12-27 (PCT/KR2013/012256)
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[30] US (61/809,902) 2013-04-09
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[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **MEDICAMENT DELIVERY DEVICE COMPRISING A LOCKING MECHANISM**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT COMPRENANT UN MECANISME DE VERROUILLAGE**
[72] HOLMQVIST, ANDERS, SE
[73] CAREBAY EUROPE LTD, MT
[85] 2015-09-30
[86] 2014-03-12 (PCT/EP2014/054902)
[87] (WO2014/154490)
[30] SE (1350376-8) 2013-03-25

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[25] EN
[54] **BEET PULLER SHARE**
[54] **SOC D'ARRACHAGE DE BETTERAVES**
[72] FRIEDERICHS, HEIKO, DE
[72] SMEETS, FLORIAN, DE
[73] BETEK GMBH & CO. KG, DE
[85] 2015-09-30
[86] 2014-03-28 (PCT/EP2014/056251)
[87] (WO2014/180602)
[30] DE (10 2013 104 836.6) 2013-05-10

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[51] **Int.Cl. A61B 3/117 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **MULTIPLE-VIEW COMPOSITE OPHTHALMIC IRIDOCORNEAL ANGLE IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE OPHTALMOLOGIQUE COMPOSITE DE L'ANGLE IRIDOCORNEEN A VUES MULTIPLES**
[72] RANCHOD, TUSHAR MAHENDRA, US
[73] BROADSPOT IMAGING CORPORATION, US
[85] 2015-10-02
[86] 2013-06-27 (PCT/US2013/048164)
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[30] US (PCT/US2013/043302) 2013-05-30

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[51] **Int.Cl. C10C 3/06 (2006.01) C10C 1/20 (2006.01)**
[25] EN
[54] **UPGRADING OF BITUMEN**
[54] **VALORISATION DU BITUME**
[72] MCKNIGHT, CRAIG A., CA
[72] WIENS, JASON, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2908775)
[87] (2908775)
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[25] EN
[54] **ROTOR BLADE OF A WIND TURBINE**
[54] **PALE DE ROTOR D'UNE EOLIENNE**
[72] PETSCHE, MARC, DE
[72] KORJAHN, CHRISTOPH MATTHIAS, DE
[73] SENVION GMBH, DE
[85] 2015-08-05
[86] 2014-02-12 (PCT/EP2014/000381)
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[51] **Int.Cl. B05B 9/04 (2006.01) B65D 83/16 (2006.01) F41H 9/10 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SPRAYING AN AEROSOL**
[54] **SYSTEMES ET PROCEDES POUR PULVERISER UN AEROSOL**
[72] LORD, CHARLES, US
[73] CK GUARDIAN ACQUISITION LLC, US
[85] 2015-10-07
[86] 2014-03-07 (PCT/US2014/021785)
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[30] US (13/791,582) 2013-03-08

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[51] **Int.Cl. H01M 8/04858 (2016.01) H01M 8/04992 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH ESTIMATE OF CURRENT/VOLTAGE CHARACTERISTICS DURING WARM-UP**
[54] **MECANISME DE PILE A COMBUSTIBLE OFFRANT L'ESTIMATION DE CARACTERISTIQUES DE COURANT/TENSION PENDANT LA PERIODE DE RECHAUFFEMENT**
[72] HOSHI, KIYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-10-09
[86] 2014-03-27 (PCT/JP2014/058953)
[87] (WO2014/171291)
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[25] EN
[54] **FLEET MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE FLOTTE**
[72] WELLMAN, TIMOTHY A., US
[72] WINNER, DEAN E., US
[73] CROWN EQUIPMENT CORPORATION, US
[86] (2909832)
[87] (2909832)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/026 (2006.01) A61B 5/02 (2006.01)**
[25] EN
[54] **OPTICAL COHERENT IMAGING MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL D'IMAGERIE PAR COHERENCE OPTIQUE**
[72] ANDRE, MARC, CH
[72] FRIEDRICH, MICHAEL, CH
[72] THACHER, TYLER, CH
[72] NAUMENKO, ANDREY, CH
[72] FARKAS, ROMAIN, CH
[73] AIMAGO S.A., CH
[85] 2015-10-20
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[30] IB (PCT/IB2012/052133) 2012-04-27

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[25] EN
[54] **BUS BAR ARRANGEMENT AND A SHROUD FOR THE SAME**
[54] **AGENCEMENT DE BARRE OMNIBUS ET CARENAGE POUR CELUI-CI**
[72] BLASBALG, PAUL, US
[72] YAMAGUCHI, LYOJI JESUS, MX
[73] ABB SCHWEIZ AG, CH
[85] 2015-10-20
[86] 2014-04-17 (PCT/US2014/034511)
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[30] US (61/815,078) 2013-04-23

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[51] **Int.Cl. H04N 19/895 (2014.01) H04N 19/142 (2014.01) H04N 19/159 (2014.01) H04N 19/177 (2014.01)**
[25] EN
[54] **VIDEO ENCODING APPARATUS, VIDEO DECODING APPARATUS, VIDEO ENCODING METHOD, AND VIDEO DECODING METHOD**
[54] **APPAREIL D'ENCODAGE VIDEO, APPAREIL DE DECODAGE VIDEO, PROCEDE D'ENCODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO**
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[72] SHIMADA, SATOSHI, JP
[73] FUJITSU LIMITED, JP
[86] (2910488)
[87] (2910488)
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[51] **Int.Cl. H01M 8/04089 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] MARUO, TSUYOSHI, JP
[72] NAGANUMA, YOSHIAKI, JP
[72] OGAWA, TOMOHIRO, JP
[72] TOIDA, MASASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911377)
[87] (2911377)
[22] 2015-11-05
[30] JP (2014-231850) 2014-11-14

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[13] C
[51] **Int.Cl. H04N 21/2381 (2011.01) H04N 7/015 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING SIGNALING DATA BETWEEN LAYERS IN IP-BASED DIGITAL BROADCASTING SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DONNEES DE SIGNALISATION ENTRE COUCHES DANS UN SYSTEME DE DIFFUSION NUMERIQUE IP**
[72] KWON, WOOSUK, KR
[72] MOON, KYOUNGSOO, KR
[72] OH, SEJIN, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-11-05
[86] 2014-05-21 (PCT/KR2014/004529)
[87] (WO2014/189278)
[30] US (61/826,462) 2013-05-22

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[51] **Int.Cl. H01M 8/04746 (2016.01) H01M 8/0662 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM FOR ESTIMATING FLOW RATE OF FUEL GAS**
[54] **SYSTEME DE PILE A COMBUSTIBLE SERVANT A ESTIMER LE DEBIT DE CARBURANT GAZEUX**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911767)
[87] (2911767)
[22] 2015-11-10
[30] JP (2014-230143) 2014-11-12
[30] JP (2015-174979) 2015-09-04

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[51] **Int.Cl. F16L 3/00 (2006.01) F16L 1/00 (2006.01) F16L 3/22 (2006.01) F16M 1/00 (2006.01)**
[25] EN
[54] **DETACHABLE PIPE RACK MODULE WITH DETACHABLE CONNECTORS FOR USE IN A PROCESSING FACILITY**
[54] **MODULE DE RATELIER A TUYAUX DETACHABLE AVEC RACCORDS DETACHABLES DESTINES A ETRE UTILISES DANS UNE INSTALLATION DE TRAITEMENT**
[72] JAMES, KENNETH GEORGE, CA
[72] NABATA, BOB, CA
[73] KEMEX LTD., CA
[85] 2015-11-12
[86] 2015-02-09 (PCT/CA2015/050090)
[87] (WO2015/117245)
[30] US (61/937,228) 2014-02-07

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[13] C
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[25] EN
[54] **MONITORING SYSTEMS AND METHODS FOR MONITORING THE CONDITION OF ONE OR MORE COMPONENTS OF AN ELECTRICAL DEVICE**
[54] **SYSTEMES ET PROCEDES DE CONTROLE DE L'ETAT D'UN OU DE PLUSIEURS COMPOSANTS D'UN DISPOSITIF ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[73] CUTSFORTH PRODUCTS, INC., US
[86] (2912493)
[87] (2912493)
[22] 2008-05-23
[62] 2,688,053
[30] US (11/752,960) 2007-05-24

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[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **COLLECTING AND REMOVING CONDENSATE FROM A GAS EXTRACTION SYSTEM**
[54] **COLLECTE ET RETRAIT D'UN CONDENSAT PROVENANT D'UN SYSTEME D'EXTRACTION DE GAZ**
[72] SCHEXNAIDER, NEIL PATRICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-13
[86] 2014-09-18 (PCT/US2014/056214)
[87] (WO2015/042220)
[30] US (61/879,741) 2013-09-19

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[13] C
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF DETERMINING VIRUS REMOVAL FROM A SAMPLE CONTAINING A TARGET PROTEIN USING ACTIVATED CARBON**
[54] **METHODE PERMETTANT DE DETERMINER SI UN VIRUS PEUT ETRE ELIMINE D'UN ECHANTILLON CONTENANT UNE PROTEINE CIBLE A L'AIDE DE CHARBON ACTIF**
[72] STONE, MATTHEW T., US
[72] MEHTA, USHMA, US
[72] ASHER, DAMON, US
[72] GREENHALGH, PATRICIA, US
[73] EMD MILLIPORE CORPORATION, US
[85] 2015-11-17
[86] 2014-04-04 (PCT/US2014/032940)
[87] (WO2015/005961)
[30] US (61/845,429) 2013-07-12

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[13] C
[51] **Int.Cl. G01N 21/35 (2014.01) G01N 21/39 (2006.01) H01S 5/14 (2006.01)**
[25] EN
[54] **GAS ANALYZER SYSTEM WITH ONE OR MORE RETROREFLECTORS**
[54] **SYSTEME ANALYSEUR DE GAZ AYANT UN OU PLUSIEURS RETRO-REFLECTEURS**
[72] CARANGELO, ROBERT M., US
[73] MKS INSTRUMENTS, INC., US
[85] 2015-11-17
[86] 2014-05-13 (PCT/US2014/037870)
[87] (WO2014/189724)
[30] US (61/825,263) 2013-05-20
[30] US (14/275,309) 2014-05-12

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[13] C
[51] **Int.Cl. A63F 13/20 (2014.01) A63F 13/90 (2014.01) A63F 13/98 (2014.01)**
[25] EN
[54] **CONTROLLER FOR A GAMES CONSOLE**
[54] **MANETTE DE COMMANDE POUR CONSOLE DE JEU**
[72] BURGESS, SIMON, GB
[72] IRONMONGER, DUNCAN, US
[73] IRONBURG INVENTIONS LTD, GB
[85] 2015-11-20
[86] 2014-05-22 (PCT/EP2014/060587)
[87] (WO2014/187923)
[30] US (61/826,087) 2013-05-22
[30] US (61/882,171) 2013-09-25

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[13] C
[51] **Int.Cl. C08J 3/24 (2006.01) A61L 15/22 (2006.01) A61L 15/58 (2006.01) A61L 24/04 (2006.01) C08L 67/06 (2006.01)**
[25] EN
[54] **HYDROPHOBIC TISSUE ADHESIVES**
[54] **ADHESIFS HYDROPHOBES POUR TISSUS**
[72] KARP, JEFFREY M., US
[72] DEL NIDO, PEDRO, US
[72] LANG, NORA, DE
[72] LANGER, ROBERT S., US
[72] PEREIRA, MARIA JOSE M.N., PT
[72] LEE, YUHAN, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[73] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2015-11-23
[86] 2014-05-23 (PCT/US2014/039417)
[87] (WO2014/190302)
[30] US (61/827,240) 2013-05-24
[30] US (61/924,864) 2014-01-08

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[13] C
[51] **Int.Cl. C01B 3/36 (2006.01)**
[25] EN
[54] **SOOT CONTROL IN OXIDATION REACTIONS**
[54] **REDUCTION DES SUIES DANS DES REACTIONS D'OXYDATION**
[72] DAMSTEDT, BRADLEY, US
[72] BOOL, LAWRENCE, US
[72] RILEY, MICHAEL, US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2015-11-25
[86] 2014-06-17 (PCT/US2014/042617)
[87] (WO2014/204888)
[30] US (61/835,842) 2013-06-17

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[13] C
[51] **Int.Cl. C12P 13/12 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING CYSTEINE OR A DERIVATIVE THEREOF USING A NOVEL O-PHOSPHOSERINE SULFHYDRYLASE**
[54] **PROCEDE DE PREPARATION DE CYSTEINE OU D'UN DERIVE DE CELLE-CI A L'AIDE D'UNE NOUVELLE O-PHOSPHOSERINE SULFHYDRYLASE**
[72] SONG, BYEONG CHEOL, KR
[72] CHANG, JIN SOOK, KR
[72] JO, JAE HYUN, KR
[72] KIM, HYE WON, KR
[73] CJ CHEILJEDANG CORPORATION, KR
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[54] **INTEGRATED RENEWABLE ENERGY SYSTEM**
[54] **SYSTEME INTEGRE A ENERGIE RENOUVELABLE**
[72] SHELLENBERGER, TIMOTHY J., US
[72] DORROUGH, DOUG W., US
[72] JAKOBS, DIANE M., US
[73] RHEEM MANUFACTURING COMPANY, US
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[54] **ELECTRICAL POWER STORAGE FOR DOWNHOLE TOOLS**
[54] **STOCKAGE DE PUISSANCE ELECTRIQUE POUR OUTILS DE FOND DE TROU**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] KYLE, DONALD G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-02
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[25] EN
[54] **APPARATUS FOR CONVERTING A WHEELED VEHICLE TO A TRACKED VEHICLE**
[54] **APPAREIL DE CONVERSION D'UN VEHICULE A ROUES EN VEHICULE CHENILLE**
[72] HANSEN, RONALD S., US
[73] VERMEER MANUFACTURING COMPANY, US
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[25] EN
[54] **ULTRATHIN LED LIGHT ENGINE**
[54] **MOTEUR DEL ULTRA-MINCE**
[72] LI, GANG, CN
[72] LONG, WENTAO, CN
[72] ZHAO, WEI, CN
[72] LUO, CHAO, CN
[72] TANG, CHAO, CN
[72] LI, DONGMING, CN
[73] SICHUAN SUNFOR LIGHT CO., LTD., CN
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[54] **ALL IN THE HEAD SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACES « A SUPER-TETE »**
[72] CONRAD, WAYNE ERNEST, CA
[72] THORNE, JASON B., US
[72] XU, BARRY, CN
[72] CHEN, ROGER, CN
[72] HUTCHISON, PETER, CN
[72] XU, ROBERT, CN
[72] PETERSEN, DAVE, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[87] (2915198)
[22] 2015-12-14
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[25] EN
[54] **AN INTELLIGENT SOLDERING CARTRIDGE FOR AUTOMATIC SOLDERING CONNECTION VALIDATION**
[54] **UNE CARTOUCHE DE SOUDAGE INTELLIGENTE DESTINEE A LA VALIDATION DE LA CONNEXION DE SOUDAGE AUTOMATIQUE**
[72] MARINO, KENNETH D., US
[72] NGUYEN, HOA, US
[73] OK INTERNATIONAL INC., US
[86] (2915654)
[87] (2915654)
[22] 2015-12-17
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[25] EN
[54] **GAS ABSORBING AND REGENERATING APPARATUS AND METHOD FOR OPERATING SAME**
[54] **APPAREIL D'ABSORPTION ET DE REGENERATION DE GAZ ET METHODE D'EXPLOITATION DUDIT APPAREIL**
[72] OKAMOTO, SHINICHI, JP
[72] CHIYOMARU, MASARU, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] SHIMADA, DAISUKE, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-12-17
[86] 2015-01-21 (PCT/JP2015/051552)
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[25] EN
[54] **ONSHORE HYDROELECTRIC POWER GENERATION DEVICE**
[54] **APPAREIL DE PRODUCTION D'ENERGIE HYDROELECTRIQUE COTIERE**
[72] HONG, RONG-TAI, TW
[73] TZOO YING ENTERPRISE CO. LTD., TW
[86] (2916234)
[87] (2916234)
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[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **RECEIVING AND MEASURING EXPELLED GAS FROM A CORE SAMPLE**
[54] **RECEPTION ET MESURE D'UN GAZ EXPULSE D'UNE CAROTTE**
[72] DELMAR, LUDOVIC, FR
[72] EVANS, BENJAMIN LLYWELYN, BE
[72] HENRY, ADRIEN P. C., BE
[72] RAVNDAL, SVEIN, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **LIFT AND PIVOT GROMMET**
[54] **FILLET A LEVAGE ET PIVOTEMENT**
[72] DRANE, MARK R., US
[72] DINH, CONG T., US
[72] NORWOOD, BOBBY N., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2916715)
[87] (2916715)
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[25] EN
[54] **CHILD SEAT HAVING AN OBJECT HOLDER**
[54] **SIEGE POUR ENFANT DOTE D'UN PORTE-OBJET**
[72] WILLIAMS, BRUCE L., US
[72] SELLERS, GREGORY S., US
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
[86] (2916737)
[87] (2916737)
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[30] US (62/243,922) 2015-10-20

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[51] **Int.Cl. B25H 3/02 (2006.01)**
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[54] **A CONTAINER WITH A DETECTION SYSTEM**
[54] **RECIPIENT EQUIPE D'UN SYSTEME DE DETECTION**
[72] CHEVALIER, JULIEN, FR
[72] DEMARETZ, THIERRY, FR
[72] LEHOVETZKI, AXEL, FR
[73] STANLEY BLACK & DECKER MEA FZE, AE
[85] 2015-12-24
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[25] EN
[54] **CATALYST COMPOSITION AND PROCESS FOR OLIGOMERIZATION OF ETHYLENE**
[54] **COMPOSITION DE CATALYSEUR ET PROCEDE D'OLIGOMERISATION DE L'ETHYLENE**
[72] WOEHL, ANINA, DE
[72] MEISWINKLE, ANDREAS, DE
[72] BOELT, HEINZ, DE
[72] MUELLER, BERND H., DE
[72] MUELLER, WOLFGANG, DE
[72] PEULECKE, NORMEN, DE
[72] ROSENTHAL, UWE, DE
[72] HARFF, MARCO, DE
[72] AL-HAZMI, MOHAMMED H., SA
[72] AL-QAHTANI, ABDULLAH, SA
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA
[73] LINDE AG, DE
[85] 2015-12-29
[86] 2014-07-28 (PCT/IB2014/063485)
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[25] EN
[54] **DISTRIBUTED ACOUSTIC SENSING SYSTEM WITH VARIABLE SPATIAL RESOLUTION**
[54] **SYSTEME DE DETECTION ACOUSTIQUE DISTRIBUEE AYANT UNE RESOLUTION SPATIALE VARIABLE**
[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FUEL CELL SINGLE CELL**
[54] **CELLULE SIMPLE POUR PILE A COMBUSTIBLE**
[72] HORAI, ATSUSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-01-08
[86] 2014-04-22 (PCT/JP2014/061251)
[87] (WO2015/004969)
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[51] **Int.Cl. E04F 21/20 (2006.01) A47G 27/04 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **APPLICATOR TIP FOR DISPENSING SEAMING ADHESIVE TO SEAM ADJACENT PIECES OF FLOOR-COVERING MATERIAL AND METHOD FOR USING SAME**
[54] **EMBOUT D'APPLICATEUR SERVANT A DISTRIBUER UN ADHESIF DE JOINTAGE EN VUE DE JOINDRE DES PIECES ADJACENTES DE MATERIAU DE REVETEMENT DE PLANCHER ET METHODE D'UTILISATION DUDIT EMBOUT**
[72] DESPINS, MAURICE L., CA
[72] DESPINS, DAVID L., CA
[73] OMNIMART DISTRIBUTIONS INC., CA
[86] (2917897)
[87] (2917897)
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[25] EN
[54] **STORAGE SYSTEM, METHOD, AND APPARATUS FOR PROCESSING OPERATION REQUEST**
[54] **SYSTEME DE STOCKAGE, METHODE ET APPAREIL DE TRAITEMENT D'UNE DEMANDE D'OPERATION**
[72] CHANG, SHENG, CN
[72] HOU, XINYU, CN
[72] GUO, HAITAO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-01-22
[86] 2014-08-13 (PCT/CN2014/084255)
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[25] EN
[54] **METHOD AND DEVICE FOR REMOVING CONTAMINANTS ARISING DURING THE PRODUCTION OF ALIPHATIC NITRATE ESTERS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ELIMINER LES IMPURETES RESULTANT DE LA PRODUCTION D'ESTERS DE NITRATE ALIPHATIQUES**
[72] POHLMANN, JURGEN, DE
[72] HERMANN, HEINRICH, DE
[72] HANDEL, MIRKO, DE
[72] GEBAUER, JURGEN, DE
[73] JOSEF MEISSNER GMBH & CO. KG, DE
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[30] DE (10 2013 013 474.9) 2013-08-15
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **AZIMUTHALLY-SELECTIVE DOWNHOLE NUCLEAR MAGNETIC RESONANCE (NMR) TOOL**
[54] **OUTIL DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN) DE FOND DE PUITS A SELECTION AZIMUTALE.**
[72] REIDERMAN, ARCADY, US
[72] CHEN, SONGHUA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-18
[86] 2014-08-08 (PCT/US2014/050298)
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[30] US (61/872,362) 2013-08-30

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[25] EN
[54] **INTEGRATED CONTROLS FOR A FIRE SUPPRESSION SYSTEM**
[54] **COMMANDES INTEGREES POUR SYSTEME D'EXTINCTION D'INCENDIE**
[72] LASKARIS, MICHAEL A., US
[72] COLLETTI, DOMINIC JOHN, US
[72] HANDWERK, GARY, US
[73] HALE PRODUCTS, INC., US
[86] (2918643)
[87] (2918643)
[22] 2009-04-08
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[30] US (61/043,436) 2008-04-09

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[25] EN
[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE MULTIUTILISATEUR**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052889)
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[30] US (61/871,269) 2013-08-28
[30] US (14/468,929) 2014-08-26

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[13] C
[51] **Int.Cl. A61K 31/445 (2006.01) A61K 31/165 (2006.01)**
[25] EN
[54] **USE OF FLECAINIDE AS AN ANTI-CONNEXIN AGENT AND METHOD FOR POTENTIATING THE EFFECTS OF A PSYCHOTROPIC DRUG**
[54] **UTILISATION DE LA FLECAINIDE EN TANT QU'AGENT ANTI-CONNEXINE ET PROCEDE DE POTENTIALISATION DES EFFETS D'UN MEDICAMENT PSYCHOTROPE**
[72] MOUTHON, FRANCK, FR
[72] CHARVERIAT, MATHIEU, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-01-22
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[87] (WO2015/011246)
[30] EP (13306074.9) 2013-07-24

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[51] **Int.Cl. C10M 133/40 (2006.01)**
[25] EN
[54] **LUBRICATING COMPOSITIONS COMPRISING PYRIDINE COMPOUNDS**
[54] **COMPOSITIONS LUBRIFIANTES RENFERMANT DES COMPOSES DE PYRIDINE**
[72] MOSIER, PATRICK E., US
[72] BROWN, JASON R., US
[72] GIESELMAN, MATTHEW D., US
[72] SCHROECK, CALVIN W., US
[72] CRAWLEY, SETH, US
[72] BARTON, WILLIAM, US
[72] WARD, WILLIAM C., US
[73] THE LUBRIZOL CORPORATION, US
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[87] (2919153)
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[51] **Int.Cl. H02G 1/04 (2006.01) B66C 1/62 (2006.01)**
[25] EN
[54] **TRUCK AND INSTALLATION METHOD FOR WIRES**
[54] **CAMION ET PROCEDE D'INSTALLATION DES CABLES**
[72] CLAYPOOL, JAMES, US
[73] MASS. ELECTRIC CONSTRUCTION CO., US
[85] 2016-01-22
[86] 2014-07-16 (PCT/US2014/046915)
[87] (WO2015/020768)
[30] US (13/963,868) 2013-08-09

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[51] **Int.Cl. B62D 55/08 (2006.01) B60F 5/00 (2006.01)**
[25] EN
[54] **TRACTOR WITH TRACK DRIVE**
[54] **TRACTEUR EQUIPE D'UN ENTRAINEMENT A CHENILLE**
[72] ERICKSON, DANIEL RAY, US
[73] VERMEER MANUFACTURING COMPANY, US
[86] (2919291)
[87] (2919291)
[22] 2016-01-28
[30] US (62/111,514) 2015-02-03
[30] US (62/218,683) 2015-09-15

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[51] **Int.Cl. C08L 27/18 (2006.01) C08L 23/28 (2006.01) C09D 123/28 (2006.01) C09D 127/18 (2006.01)**
[25] EN
[54] **BLENDED FLUOROPOLYMER COMPOSITIONS**
[54] **COMPOSITIONS DE POLYMERES FLUORES MELANGES**
[72] HARVEY, LEONARD W., US
[72] COATES, MICHAEL, US
[72] WRIGHT, JULIE K., US
[73] WHITFORD CORPORATION, US
[86] (2919431)
[87] (2919431)
[22] 2009-05-19
[62] 2,725,349
[30] US (61/057,597) 2008-05-30
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[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A MODULAR, LOCKING HEADRAIL-RETENTION MECHANISM**
[54] **SYSTEME ET PROCEDE POUR UN MECANISME DE RETENUE DE RAIL SUPERIEUR VERROUILLABLE MODULAIRE**
[72] COTLAR, DANIEL H., US
[72] COKER, TULUHAN, TR
[72] COKER, BERK, TR
[73] GLOBAL CUSTOM COMMERCE INC., US
[86] (2919514)
[87] (2919514)
[22] 2013-09-25
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[51] **Int.Cl. A61F 2/04 (2013.01)**
[25] EN
[54] **SILICONE REFLUX VALVE FOR POLYMERIC STENTS**
[54] **VALVE ANTI-REFLUX EN SILICONE POUR STENTS POLYMERES**
[72] MCMAHON, SHANE, IE
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-01-26
[86] 2014-08-04 (PCT/US2014/049587)
[87] (WO2015/020951)
[30] US (61/863,149) 2013-08-07

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[51] **Int.Cl. F17C 13/06 (2006.01) B65D 41/48 (2006.01)**
[25] EN
[54] **VALVE COVER**
[54] **COUVERCLE DE SOUPAPE**
[72] BUERMANN, HENRY, US
[73] HYPERKINETICS CORPORATION, US
[85] 2016-01-12
[86] 2014-03-06 (PCT/US2014/021373)
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[25] EN
[54] **TOOL HANDLE FOR HOLDING MULTIPLE TOOLS OF DIFFERENT SIZES DURING USE**
[54] **MANCHE D'OUTIL POUR RETENIR DE MULTIPLES OUTILS DE TAILLES DIFFERENTES EN COURS D'UTILISATION**
[72] JOHNSON, RONALD L., US
[72] GALLEGOS, ROBERT J., US
[72] ESCOBAR, STEVEN SIMAS, US
[72] HUDSON, ANDERS SCOT, US
[72] RUIZ, IDRISS MANSOURI-CHAFIK, US
[72] LOCKHART, YUGEN PATRICK, US
[72] WILSON, HOWARD ALLEN, US
[72] COLTON, ERIC M., US
[73] WAGIC, INC., US
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[22] 2009-01-13
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[51] **Int.Cl. E02D 5/30 (2006.01) E02D 27/00 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURE**
[54] **STRUCTURE COMPOSITE**
[72] KOBASHI, TOMOKI, JP
[72] TAENAKA, SHINJI, JP
[72] SHIMIZU, NOBUTAKA, JP
[72] NAITO, HIROKO, JP
[72] KANNO, RYOICHI, JP
[72] HANYA, KOJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-02-02
[86] 2014-09-10 (PCT/JP2014/073921)
[87] (WO2015/045872)
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[25] EN
[54] **MODULAR TURNOUT GEAR**
[54] **VETEMENT DE TENUE MODULAIRE**
[72] MURRAY, KEVIN, US
[72] MORDECAI, MARK, US
[73] GLOBE HOLDING COMPANY LLC, US
[85] 2016-02-04
[86] 2014-08-07 (PCT/US2014/050197)
[87] (WO2015/021310)
[30] US (61/863,305) 2013-08-07

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[13] C
[51] **Int.Cl. A01G 13/00 (2006.01) E02D 17/20 (2006.01) E02D 31/00 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLING WEEDS AND WATER USING A BAG FILLED WITH LANDSCAPING MATERIAL**
[54] **PROCEDES DE DESHERBAGE ET D'AMENAGEMENT HYDRAULIQUE METTANT EN □UVRE UN SAC REMPLI DE MATERIAU D'AMENAGEMENT DU PAYSAGE**
[72] HAWKINSON, ROBERT NEAL ALFRED, US
[72] HAWKINSON, JAMES EARL, US
[73] R & J EAST, INC., US
[85] 2016-02-05
[86] 2014-07-22 (PCT/US2014/047556)
[87] (WO2015/020787)
[30] US (13/959,204) 2013-08-05
[30] US (14/157,650) 2014-01-17

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[51] **Int.Cl. G16H 10/00 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A UNIFIED DATABASE FROM DATA SETS**
[54] **PROCEDE ET SYSTEME DE GENERATION D'UNE BASE DE DONNEES UNIFIEE A PARTIR D'ENSEMBLES DE DONNEES**
[72] DE VRIES, GLEN, US
[72] MARLBOROUGH, MICHELLE, US
[73] MEDIDATA SOLUTIONS, INC., US
[85] 2016-02-09
[86] 2014-08-04 (PCT/US2014/049610)
[87] (WO2015/026512)
[30] US (13/974,294) 2013-08-23

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[25] EN
[54] **METHOD OF, AND APPARATUS FOR, MONITORING THE AVAILABLE RESOURCES OF A GAS CYLINDER**
[54] **PROCEDE DE, ET APPAREIL POUR, SURVEILLER LES RESSOURCES DISPONIBLES D'UN CYLINDRE DE GAZ**
[72] BEHRENS, MARCEL, BE
[72] PEMBERTON, GARETH ROSS, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-02-10
[86] 2014-09-12 (PCT/EP2014/069548)
[87] (WO2015/036569)
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[51] **Int.Cl. G09B 9/00 (2006.01) G08G 5/00 (2006.01) G09B 9/08 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A SIMULATION SERVER CAPABLE OF CREATING EVENTS OF A LESSON PLAN BASED ON SIMULATION DATA STATISTICS**
[54] **UN SERVEUR DE SIMULATION CAPABLE DE CREER DES EVENEMENTS DE PLAN DE LECON FONDE SUR DES STATISTIQUES DE DONNEES DE SIMULATION**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920981)
[87] (2920981)
[22] 2016-02-17

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[51] **Int.Cl. A23G 1/40 (2006.01) A23G 1/30 (2006.01) A23G 3/34 (2006.01) A23G 3/42 (2006.01)**
[25] EN
[54] **HEAT STABLE CHOCOLATE CONFECTIONERY PRODUCT AND METHOD OF MAKING SAME**
[54] **PRODUIT DE CONFISERIE AU CHOCOLAT STABLE A LA CHALEUR ET METHODE DE FABRICATION ASSOCIEE**
[72] WANG, XIAOYING, US
[72] PEREZ GONZALEZ, MARIA JOSE, US
[72] BROWN, BURTON DOUGLAS, US
[72] BENJAMIN, SUSAN MARIE, US
[72] HOFFMAN, CAREY, US
[72] WORTHING, DAVID, US
[72] TEETS, DENNIS, US
[73] THE HERSHEY COMPANY, US
[85] 2016-02-17
[86] 2015-09-15 (PCT/US2015/050082)
[87] (WO2016/044206)
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[51] **Int.Cl. E21B 10/46 (2006.01) B23P 15/28 (2006.01) E21B 10/567 (2006.01)**
[25] EN
[54] **CUTTING DEVICE AND METHOD OF MAKING**
[54] **DISPOSITIF DE COUPE ET SON PROCEDE DE FABRICATION**
[72] STOWE, CALVIN J., II, US
[72] PONDER, ANDREW D., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-10
[86] 2014-08-15 (PCT/US2014/051178)
[87] (WO2015/038280)
[30] US (14/027,921) 2013-09-16

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[13] C
[51] **Int.Cl. F02C 7/266 (2006.01) F02P 15/00 (2006.01)**
[25] FR
[54] **IGNITION DEVICE FOR AN AIRCRAFT ENGINE**
[54] **DISPOSITIF D'ALLUMAGE D'UN MOTEUR D'AERONEF**
[72] BOURGEOIS, NICOLAS, FR
[72] GRENIER, BENOIT, FR
[72] GUICHEMERRE, NICOLAS, FR
[73] TURBOMECA, FR
[85] 2016-02-12
[86] 2014-09-16 (PCT/FR2014/052308)
[87] (WO2015/044557)
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[51] **Int.Cl. G01N 33/38 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING THE CHARACTERISTICS AND COMPOSITIONS OF A DRY CEMENT**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ANALYSER LES CARACTERISTIQUES ET LES COMPOSITIONS D'UN CIMENT SEC**
[72] PEARL, WILLIAM CECEIL, JR., US
[72] PEARL, MEGAN RENEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-18
[86] 2013-09-26 (PCT/US2013/061913)
[87] (WO2015/047275)

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[25] EN
[54] **AN ANCHOR**
[54] **UN ANCRAGE**
[72] SMITH, PETER K., NZ
[73] SMITH, PETER K., NZ
[86] (2922499)
[87] (2922499)
[22] 2012-09-17
[62] 2,790,598
[30] US (61535370) 2011-09-16

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[25] EN
[54] **AN ANCHOR**
[54] **UN ANCRAGE**
[72] SMITH, PETER K., NZ
[73] SMITH, PETER K., NZ
[86] (2922515)
[87] (2922515)
[22] 2012-09-17
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[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/97 (2013.01)**
[25] EN
[54] **LUMINAL STENTING**
[54] **IMPLANTATION DE PROTHESE VASCULAIRE LUMINALE**
[72] NEWELL, GABRIEL, US
[72] BROWN, KENNETH, US
[72] SEMA, GHISLAIN, US
[72] LOSORDO, MICHAEL L., US
[72] EPSTEIN, EVAN DAVID, US
[72] HUYNH, ANDY, US
[72] FARHAT, LAWRENCE, US
[73] COVIDIEN LP, US
[85] 2016-02-26
[86] 2014-08-08 (PCT/US2014/050269)
[87] (WO2015/031024)
[30] US (61/870,755) 2013-08-27
[30] US (14/040,501) 2013-09-27

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[51] **Int.Cl. G01F 1/76 (2006.01) A01C 7/08 (2006.01) A01C 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING PRODUCT FLOW TO AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE MESURE DU FLUX DU PRODUIT VERS UNE MACHINE AGRICOLE**
[72] BINSIRAWANICH, PANA, TH
[72] NOBLE, SCOTT DAVID, CA
[72] HENRY, JIM, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2923200)
[87] (2923200)
[22] 2012-04-12
[62] 2,773,952
[30] US (13/229,220) 2011-09-09

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[51] **Int.Cl. G09B 9/00 (2006.01) G06F 3/14 (2006.01) G06F 15/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **INTERACTIVE COMPUTER PROGRAM WITH VIRTUALIZED PARTICIPANT**
[54] **PROGRAMME INFORMATIQUE INTERACTIF POUR PARTICIPANT VIRTUALISE**
[72] IRELAND, ALEXANDER, CA
[73] CAE INC., CA
[85] 2016-03-08
[86] 2015-03-31 (PCT/CA2015/000200)
[87] (WO2016/154707)
[30] US (14/674,532) 2015-03-31
[30] US (14/674,636) 2015-03-31
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[51] **Int.Cl. F16L 58/10 (2006.01) F16L 21/00 (2006.01) F16L 25/00 (2006.01) F16L 55/163 (2006.01)**
[25] EN
[54] **CURED IN PLACE LINER SYSTEM AND INSTALLATION METHODS**
[54] **SYSTEME DE REVETEMENT INTERIEUR DURCI SUR PLACE ET METHODE D'INSTALLATION**
[72] HAIRSTON, MARK, US
[72] PASCHALL, BARRY, US
[72] OXNER, KEITH B., US
[72] COSTA, KYLE, US
[73] INA ACQUISITION CORP., US
[86] (2923353)
[87] (2923353)
[22] 2011-07-18
[62] 2,746,659
[30] US (61/365,177) 2010-07-16

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[51] **Int.Cl. E21B 23/02 (2006.01) E21B 33/03 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **IMPROVED TREE PLUG**
[54] **BOUCHON DE FORME AMELIORE**
[72] PURKIS, DANIEL GEORGE, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2923865)
[87] (2923865)
[22] 2007-11-19
[62] 2,667,794
[30] GB (0622916.5) 2006-11-17

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[13] C
[51] **Int.Cl. G21B 3/00 (2006.01)**
[25] EN
[54] **MATERIAL ARRANGEMENT FOR A FUSION REACTOR AND METHOD FOR PRODUCING THE SAME**
[54] **DISPOSITION DE MATERIAU D'UN REACTEUR DE FUSION ET METHODE DE PRODUCTION ASSOCIEE**
[72] KOTZIAS, BERNHARD, DE
[73] AIRBUS DS GMBH, DE
[86] (2923913)
[87] (2923913)
[22] 2016-03-15
[30] DE (102015103843.9) 2015-03-16
[30] DE (102015114749.1) 2015-09-03

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[51] **Int.Cl. B08B 3/02 (2006.01) F28G 1/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING HEAT TRANSFER PLATES**
[54] **APPAREIL ET PROCEDE DE NETTOYAGE DE PLAQUES DE TRANSFERT DE CHALEUR**
[72] ASK, TORSTEN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2016-03-17
[86] 2013-11-06 (PCT/EP2013/073092)
[87] (WO2015/067305)

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[13] C
[51] **Int.Cl. A61B 1/12 (2006.01) A61L 2/28 (2006.01)**
[25] EN
[54] **HOLDER DEVICE FOR ENDOSCOPY MONITORING APPARATUS AND METHOD OF USE THEREOF**
[54] **DISPOSITIF SUPPORT POUR APPAREIL DE SURVEILLANCE D'ENDOSCOPIE ET PROCEDE POUR L'UTILISER**
[72] BANCROFT, RICHARD, GB
[72] OWEN, MARTIN, GB
[73] ALBERT BROWNE LIMITED, GB
[85] 2016-03-18
[86] 2014-09-11 (PCT/GB2014/052753)
[87] (WO2015/036760)
[30] GB (1316421.5) 2013-09-16

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[13] C
[51] **Int.Cl. G01N 9/26 (2006.01) G01F 1/74 (2006.01)**
[25] EN
[54] **MULTIPHASE DENSITOMETER**
[54] **DENSITOMETRE MULTIPHASE**
[72] LIU, WILLOW ZHU, CA
[73] MEDENG RESEARCH INSTITUTE LTD., CA
[86] (2924847)
[87] (2924847)
[22] 2016-03-23
[30] US (14/716,370) 2015-05-19

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[51] **Int.Cl. A61C 7/36 (2006.01) A61C 11/00 (2006.01)**
[25] EN
[54] **ORTHOGNATHIC CORRECTION DEVICE AND ORTHOGNATHIC CORRECTION METHOD**
[54] **DISPOSITIF DE CORRECTION ORTHOGNATHE ET METHODE DE CORRECTION ORTHOGNATHE**
[72] HUNG, CHENG-HSIANG, CN
[73] HUNG, CHENG-HSIANG, CN
[86] (2924932)
[87] (2924932)
[22] 2016-03-24
[30] CN (201510135110.3) 2015-03-26
[30] CN (UNKNOWN) 2016-03-21

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[25] EN
[54] **STAIN REPELLENT AND VOC ELIMINATING COATINGS AND USE THEREOF**
[54] **REVETEMENTS ANTISALISSURES ET ELIMINANT LES COV, UTILISATIONS DE CES DERNIERS**
[72] MARTIN, DARRAN L., US
[72] BOYD, ALAN LANE, US
[73] CERTAINTEED CORPORATION, US
[85] 2016-03-22
[86] 2014-09-30 (PCT/US2014/058444)
[87] (WO2015/048797)
[30] US (61/884,933) 2013-09-30

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **LTE CONCENTRATOR AND DISTRIBUTOR SYSTEM AND METHOD FOR COVERAGE EXTENSION**
[54] **SYSTEME CONCENTRATEUR ET DISTRIBUTEUR LTE ET PROCEDE PERMETTANT L'EXTENSION DE LA COUVERTURE**
[72] SHPERLING, ITZHAK, IL
[72] FRISH, AMIRAM, IL
[72] HOLTZMAN, GUY, IL
[72] KOREN, EITAN, IL
[72] TOOBA, ABRAHAM, IL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-03-24
[86] 2014-09-15 (PCT/US2014/055610)
[87] (WO2015/047767)
[30] US (14/042,191) 2013-09-30

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2G4Y**
[54] **MAIS ENDOGAME PH2G4Y**
[72] KING, STEVEN PAUL, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2925547)
[87] (2925547)
[22] 2016-03-31

[11] **2,925,591**
[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINISTIC CALCULATION OF RECOVERY TIME FOR AN ENVIRONMENTAL SYSTEM**
[54] **SYSTEME ET PROCEDE DE CALCUL DETERMINISTE DE TEMPS DE RECUPERATION POUR UN SYSTEME ENVIRONNEMENTAL**
[72] SONGKAKUL, PORNSAK, US
[72] PAWLOWSKI, MICHAEL, US
[72] CASILLI, CHRIS, US
[72] AHMED, OSMAN, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2016-03-24
[86] 2014-09-11 (PCT/US2014/055164)
[87] (WO2015/047739)
[30] US (14/040,214) 2013-09-27
[30] US (61/923,511) 2014-01-03
[30] US (14/153,015) 2014-01-11

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[13] C
[51] **Int.Cl. G01N 29/24 (2006.01) G01N 29/04 (2006.01) G01N 29/26 (2006.01) H04R 17/00 (2006.01)**
[25] EN
[54] **PROBE, ULTRASONIC TESTING APPARATUS, AND ULTRASONIC TESTING CONTROL METHOD**
[54] **SONDE, APPAREIL DE TEST ULTRASONIQUE ET METHODE DE COMMANDE DE TEST ULTRASONIQUE**
[72] TAKEMOTO, HIROSHI, JP
[72] UEMATSU, MITSUYOSHI, JP
[72] KAWANAMI, SEIICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-03-30
[86] 2014-09-03 (PCT/JP2014/073254)
[87] (WO2015/053014)
[30] JP (2013-210516) 2013-10-07

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[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TRACEABLE POLYMERIC ADDITIVES FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **ADDITIFS POLYMERES TRACABLES POUVANT ETRE UTILISES DANS DES FORMATIONS SOUTERRAINES**
[72] GORDON, CHRISTOPHER LYNN, US
[72] RODDY, CRAIG WAYNE, US
[72] CHATTERJI, JITEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-31
[86] 2013-11-22 (PCT/US2013/071495)
[87] (WO2015/076829)

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[13] C
[51] **Int.Cl. F16J 15/16 (2006.01) F04D 13/02 (2006.01) F04D 15/00 (2006.01) F04D 29/10 (2006.01) F16C 33/80 (2006.01)**
[25] EN
[54] **SHAFT SEAL ASSEMBLY WITH CONTAMINANT DETECTION SYSTEM**
[54] **ENSEMBLE JOINT D'ARBRE POURVU D'UN SYSTEME DE DETECTION DE CONTAMINANTS**
[72] KOSMICKI, RANDY J., US
[72] VIKEN, MICHAEL L., US
[73] WHW GROUP INC., US
[85] 2016-04-01
[86] 2014-10-09 (PCT/US2014/059879)
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[30] US (61/889,411) 2013-10-10

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[51] **Int.Cl. B01J 20/02 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **ACTIVATED CARBON SORBENT COMPOSITION WITH REDUCED AUTO-IGNITION PROPERTIES**
[54] **COMPOSITION SORBANTE AU CHARBON ACTIVE AYANT DES PROPRIETES REDUITES D'AUTO-ALLUMAGE**
[72] LI, MOWEN, US
[72] VIZCAINO, CHRISTOPHER, US
[72] LOWRING, JACOB B., US
[72] CAYTON, ROGER H., US
[73] ADA CARBON SOLUTIONS, LLC, US
[86] (2926826)
[87] (2926826)
[22] 2016-04-07
[30] US (62/144,146) 2015-04-07

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[51] **Int.Cl. H04B 3/52 (2006.01) H01P 3/10 (2006.01) H01Q 1/46 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MILLIMETER-WAVE SURFACE-WAVE COMMUNICATIONS**
[54] **COMMUNICATIONS D'ONDES DE SURFACE A ONDES MILLIMETRIQUES**
[72] BENNETT, ROBERT, US
[72] BARNICKEL, DONALD J., US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
[72] WILLIS, THOMAS M., III, US
[73] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2016-04-11
[86] 2014-10-16 (PCT/US2014/060841)
[87] (WO2015/069431)
[30] US (14/073,267) 2013-11-06

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[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **CO2 RECOVERY UNIT**
[54] **DISPOSITIF DE RECUPERATION DE CO2**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] ENDO, TAKAHIKO, JP
[72] ITO, HIROAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] THE KANSAI ELECTRIC POWER CO., INC., JP
[85] 2016-04-11
[86] 2014-10-10 (PCT/JP2014/077265)
[87] (WO2015/056658)
[30] JP (2013-215065) 2013-10-15

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[13] C
[51] **Int.Cl. E21B 47/003 (2012.01) E21B 47/092 (2012.01)**
[25] EN
[54] **FRACTURE DETECTION AND CHARACTERIZATION USING RESISTIVITY IMAGES**
[54] **DETECTION ET CARACTERISATION DE FRACTURE AU MOYEN D'IMAGES DE RESISTIVITE**
[72] DONDERICI, BURKAY, US
[72] TANG, YUMEI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-12
[86] 2013-12-06 (PCT/US2013/073520)
[87] (WO2015/084390)

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[13] C
[51] **Int.Cl. F24F 13/30 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **HEAT RECOVERY VENTILATOR AND ROTARY DAMPER ASSEMBLY**
[54] **ENSEMBLE DE VENTILATEUR RECUPERATEUR DE CHALEUR ET D'ATTENUATEUR ROTATIF**
[72] GRIMALDI, JOEL A., US
[72] FISCHER, ROBERT J., US
[73] METAL LOGIX DESIGN AND FABRICATION INC., US
[86] (2927379)
[87] (2927379)
[22] 2016-04-18
[30] US (14/692,554) 2015-04-21

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[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **DOUBLE-DISC PLOUGHSHARE COMPRISING AN INNERLYING DEPTH GUIDE**
[54] **SOC A DOUBLE DISQUE A ELEMENT INTERNE DE GUIDAGE EN PROFONDEUR**
[72] BERENDSEN, MARK, NL
[72] BERGERFURTH, DENNIS, DE
[72] GEBBEKEN, MARTIN, DE
[72] GERAATS, MARCEL, DE
[72] GOTZEN, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] PAESSENS, CHRISTIAN, DE
[72] WERRIES, DIETER, DE
[73] LEMKEN GMBH & CO. KG, DE
[85] 2016-04-15
[86] 2014-10-15 (PCT/DE2014/100368)
[87] (WO2015/055181)
[30] DE (10 2013 111 355.9) 2013-10-15

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[13] C
[51] **Int.Cl. B65G 17/06 (2006.01) B65G 21/18 (2006.01)**
[25] EN
[54] **SLAT FOR A CONVEYOR**
[54] **LATTE POUR UN CONVOYEUR**
[72] LANGSDORF, JOHN, US
[72] HOANG, HARLEN, US
[72] HAKE, MICHAEL, US
[72] LEE, RICK, US
[73] TRANSNORM SYSTEM, INC., US
[85] 2016-04-15
[86] 2014-10-27 (PCT/US2014/062331)
[87] (WO2015/073191)
[30] US (61/902,885) 2013-11-12

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[11] **2,927,792**
[13] C
[51] **Int.Cl. B65G 21/22 (2006.01)**
[25] EN
[54] **CONVEYOR FOR TRANSPORTING ARTICLES ALONG A GENERALLY VERTICAL PATH AND ENDLESS CARRIER FOR A CONVEYOR**
[54] **TRANSPORTEUR PERMETTANT DE TRANSPORTER DES ARTICLES LE LONG D'UN CHEMIN GLOBALEMENT VERTICAL, ET SUPPORT SANS FIN DESTINE A UN TRANSPORTEUR**
[72] HOANG, HARLEN, US
[72] SULZER, JAMES, US
[72] HAKE, MICHAEL, US
[72] LANGSDORF, JOHN, US
[72] LEE, RICK, US
[73] TRANSNORM SYSTEM, INC., US
[85] 2016-04-15
[86] 2014-10-27 (PCT/US2014/062333)
[87] (WO2015/073192)
[30] US (61/902,885) 2013-11-12

[11] **2,927,908**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO ACHIEVE LOSSLESS CALL IN VIEW OF A TEMPORARY RECEPTION ISSUE**
[54] **PROCEDE ET APPAREIL DE REALISATION D'UN APPEL SANS PERTES COMPTE TENU D'UN PROBLEME TEMPORAIRE DE RECEPTION**
[72] OFIR, GABI, IL
[72] BAR-ON, DAVID, IL
[72] COHEN, URI, IL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-04-18
[86] 2014-10-14 (PCT/US2014/060365)
[87] (WO2015/061076)
[30] US (14/061,904) 2013-10-24

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[11] **2,927,945**
[13] C
[51] **Int.Cl. E03F 1/00 (2006.01)**
[25] EN
[54] **PERCOLATION BLOCK ELEMENT, PERCOLATION BLOCK, AND TRANSPORT UNIT**
[54] **ELEMENT DE BLOC DE DRAINAGE, BLOC DE DRAINAGE ET UNITE DE TRANSPORT**
[72] GRAF, OTTO P., DE
[73] OTTO GRAF GMBH KUNSTSTOFFERZEUGNISSE, DE
[85] 2016-04-19
[86] 2014-10-21 (PCT/EP2014/072546)
[87] (WO2016/015786)
[30] EP (14179427.1) 2014-08-01

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[13] C
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 13/00 (2006.01) A41D 13/005 (2006.01)**
[25] EN
[54] **CLOTH HAVING GAS SHEET**
[54] **TISSU RENFERMANT UNE COUCHE DE GAZ**
[72] LEE, SANG GEUN, KR
[73] LEE, SANG GEUN, KR
[86] (2927982)
[87] (2927982)
[22] 2016-04-22
[30] KR (10-2015-0066066) 2015-05-12

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[11] **2,928,025**
[13] C
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/42 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION APPARATUS**
[54] **DISPOSITIF DE PREPARATION DE BOISSON**
[72] SAKUMASU, NAHOKO, JP
[72] KITATANI, KAZUYA, JP
[72] SAKANE, YASUAKI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2016-04-19
[86] 2015-01-26 (PCT/JP2015/052046)
[87] (WO2015/115373)
[30] JP (2014-016468) 2014-01-31

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[13] C
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 4/02 (2006.01)**
[25] EN
[54] **DUAL-TYPE SPEED CONTROL MECHANISM FOR A TURBINE**
[54] **MECANISME DE COMMANDE DE VITESSE DE TYPE DOUBLE POUR UNE TURBINE**
[72] GOLLA, CHRISTOPHER, US
[72] WINSLOW, DANIEL, US
[72] DEOLALIKAR, NEELESH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-19
[86] 2013-12-17 (PCT/US2013/075826)
[87] (WO2015/094192)

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[13] C
[51] **Int.Cl. E21B 19/00 (2006.01)**
[25] EN
[54] **ACTUATION SYSTEM FOR AN OILFIELD TUBULAR HANDLING SYSTEM**
[54] **SYSTEME DE COMMANDE DE SYSTEME DE MANOEUVRE DE MATERIEL TUBULAIRE DE CHAMP PETROLIFERE**
[72] ANGMAN, PER G., CA
[73] TESCO CORPORATION, US
[86] (2928033)
[87] (2928033)
[22] 2006-09-25
[62] 2,560,828
[30] US (60/826,189) 2006-09-19

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[11] **2,928,353**
[13] C
[51] **Int.Cl. B30B 15/28 (2006.01)**
[25] EN
[54] **SIDE WEAR PROTECTION FOR THE ROLLER OF A ROLLER PRESS**
[54] **PROTECTION CONTRE L'USURE LATERALE DE ROULEAU DE PRESSE A ROULEAUX**
[72] FRANGENBERG, MEINHARD, DE
[72] SCHNEPPER, JORG, DE
[73] TAKRAF GMBH, DE
[86] (2928353)
[87] (2928353)
[22] 2016-04-28
[30] DE (10 2015 207 927.9) 2015-04-29

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[11] **2,928,558**
[13] C
[51] **Int.Cl. B65D 5/43 (2006.01)**
[25] EN
[54] **CHILD RESISTANT LOCKING PACKAGING**
[54] **EMBALLAGE BLOQUANT A L'EPREUVE DES ENFANTS**
[72] SMITH, DANIEL T., US
[72] THIBAULT, RICHARD C., US
[73] MULTI PACKAGING SOLUTIONS, INC., US
[86] (2928558)
[87] (2928558)
[22] 2016-05-02
[30] US (62/156,566) 2015-05-04

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[11] **2,928,637**
[13] C
[51] **Int.Cl. E21B 10/44 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **VENTED BLANK FOR PRODUCING A MATRIX BIT BODY**
[54] **EBAUCHE A EVACUATION POUR PRODUIRE UN CORPS DE TREPAN A MATRICE**
[72] OLSEN, GARRETT T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-25
[86] 2013-12-10 (PCT/US2013/074001)
[87] (WO2015/088488)

[11] **2,928,841**
[13] C
[51] **Int.Cl. B26B 21/44 (2006.01)**
[25] EN
[54] **MANUALLY ACTUATABLE LIQUID DISPENSING RAZOR**
[54] **RASOIR A DISTRIBUTION DE LIQUIDE ACTIONNABLE MANUELLEMENT**
[72] BRIDGES, KELLY, US
[72] BRUNO, MICHAEL H., US
[72] BOURQUE, STEVEN M., US
[72] CARNEIRO, HUBERT F., US
[73] THE GILLETTE COMPANY LLC, US
[85] 2016-04-26
[86] 2014-10-31 (PCT/US2014/063274)
[87] (WO2015/066390)
[30] US (14/070,076) 2013-11-01

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[13] C
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 23/03 (2006.01) E21B 23/06 (2006.01) E21B 31/12 (2006.01)**
[25] EN
[54] **DOWNHOLE RELEASE TOOL**
[54] **OUTIL DE LIBERATION DE FOND DE TROU**
[72] MEJIA, JOSE A., US
[72] WENSRICH, JEFFREY B., US
[72] TODD, BENJAMIN L., US
[72] MOODY, MICHAEL, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-04-26
[86] 2014-11-21 (PCT/US2014/066764)
[87] (WO2015/077533)
[30] US (61/907,762) 2013-11-22

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[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ALIGNING DOWNHOLE MEASUREMENTS**
[54] **APPAREIL ET PROCEDE D'ALIGNEMENT DE MESURES DE FOND DE TROU**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-29
[86] 2013-12-27 (PCT/US2013/078097)
[87] (WO2015/099783)

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[11] **2,929,474**
[13] C
[51] **Int.Cl. C01B 32/28 (2017.01) B01D 11/02 (2006.01) C01B 21/06 (2006.01)**
[25] EN
[54] **LEACHING ULTRAHARD MATERIALS BY ENHANCED DEMETALYZATION**
[54] **LIXIVIATION DE MATERIAUX ULTRA-DURS PAR DE-METALLISATION AMELIOREE**
[72] WEAVER, GARY E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-03
[86] 2013-12-09 (PCT/US2013/073868)
[87] (WO2015/088475)

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[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/03 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL CV-JOINT FOR A ROTARY STEERABLE TOOL**
[54] **JOINT HOMOCINETIQUE BIDIRECTIONNEL POUR UN OUTIL ORIENTABLE ROTATIF**
[72] FINKE, MICHAEL DEWAYNE, US
[72] WINSLOW, DANIEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-04
[86] 2013-12-31 (PCT/US2013/078408)
[87] (WO2015/102596)

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[13] C
[51] **Int.Cl. E21C 41/26 (2006.01) E21C 41/16 (2006.01) E21F 15/00 (2006.01)**
[25] EN
[54] **MINING METHOD**
[54] **PROCEDE D'EXPLOITATION MINIERE**
[72] ZHAO, XIA, CN
[73] HAIXI BOAO PROJECT LIMITED, CN
[85] 2016-05-05
[86] 2015-07-22 (PCT/CN2015/084749)
[87] (WO2016/045440)
[30] CN (201410489128.9) 2014-09-23

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[13] C
[51] **Int.Cl. C23C 16/40 (2006.01) B23B 27/14 (2006.01) B23C 5/16 (2006.01) B23P 15/28 (2006.01)**
[25] EN
[54] **COATED CUTTING TOOL**
[54] **OUTIL DE COUPE PLAQUE**
[72] TAKAHASHI, KINYA, JP
[72] SATOH, HIROYUKI, JP
[73] TUNGALOY CORPORATION, JP
[85] 2016-05-04
[86] 2014-11-07 (PCT/JP2014/079548)
[87] (WO2015/068792)
[30] JP (2013-232520) 2013-11-08

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[11] **2,930,375**
[13] C
[51] **Int.Cl. B24B 9/04 (2006.01) B24B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC SHARPENING OF A BLADE**
[54] **PROCEDE POUR L'AIGUISAGE AUTOMATIQUE D'UNE LAME**
[72] ERIKSSON, MAGNUS, SE
[73] PROSHARP INC., US
[73] ERIKSSON, MAGNUS, SE
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/065086)
[87] (WO2015/077091)
[30] US (61/905,981) 2013-11-19

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[13] C
[51] **Int.Cl. G02C 7/02 (2006.01) G02B 5/22 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **FUNCTIONAL DYED SPECTACLE LENS**
[54] **VERRE DE LUNETTES TEINTE FONCTIONNEL**
[72] TAKEDOMI, YUKA, JP
[72] KAWAMURA, YUKO, JP
[73] NIKON-ESSILOR CO., LTD., JP
[85] 2016-05-12
[86] 2014-10-30 (PCT/JP2014/078876)
[87] (WO2015/072336)
[30] JP (2013-234224) 2013-11-12

[11] **2,930,633**
[13] C
[51] **Int.Cl. A61B 17/132 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **VENOUS TOURNIQUET**
[54] **GARROT**
[72] IHLE, CAROLINE, DE
[72] KIRCHNER, CLAUDIA, DE
[72] KIRCHNER, HANSJORG, DE
[73] KIMETEC GMBH, DE
[85] 2016-05-13
[86] 2014-05-06 (PCT/EP2014/059199)
[87] (WO2015/070992)
[30] DE (10 2013 112 597.2) 2013-11-15

[11] **2,930,765**
[13] C
[51] **Int.Cl. B29C 59/00 (2006.01) B29C 59/16 (2006.01) B65D 75/58 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS RELATING TO BEVERAGE CAPSULES**
[54] **PROCEDE ET APPAREIL SE RAPPORTANT A DES CAPSULES POUR BOISSON**
[72] MELROSE, JOHN, GB
[72] HALLIDAY, ANDREW, GB
[72] JELLEY, SIMON PHILIP, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2016-05-13
[86] 2014-11-19 (PCT/IB2014/002626)
[87] (WO2015/075543)
[30] GB (1320483.9) 2013-11-20

[11] **2,930,956**
[13] C
[51] **Int.Cl. E06B 3/67 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **INSULATING GLASS UNIT AND A METHOD AND APPARATUS FOR FILLING AND SEALING SAME**
[54] **MODULE DE VERRE ISOLANT ET UNE METHODE ET UN APPAREIL DE REMPLISSAGE ET ETANCHEISATION DUDIT MODULE**
[72] MCHUGH, MICHAEL PATRICK, US
[72] PETERS, MICHAEL ERIC, US
[73] INTEGRATED AUTOMATION SYSTEMS, LLC, US
[86] (2930956)
[87] (2930956)
[22] 2016-05-25
[30] US (62/168,090) 2015-05-29
[30] US (15/162,934) 2016-05-24

[11] **2,931,062**
[13] C
[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/44 (2006.01) A47J 43/046 (2006.01) A47J 43/08 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION APPARATUS**
[54] **APPAREIL DE PREPARATION DE BOISSON**
[72] SAKANE, YASUAKI, JP
[72] UNO, MASAYUKI, JP
[72] KITATANI, KAZUYA, JP
[72] YOSHIDOME, AKIHIRO, JP
[72] SHIMA, HIDEKAZU, JP
[72] MISUMI, MASARU, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2016-05-18
[86] 2015-01-26 (PCT/JP2015/052050)
[87] (WO2015/115375)
[30] JP (2014-016467) 2014-01-31

[11] **2,931,337**
[13] C
[51] **Int.Cl. E04D 3/30 (2006.01) E04D 13/18 (2018.01) H01L 31/048 (2014.01)**
[25] FR
[54] **PANEL, PANEL ASSEMBLY, AND RELATED ROOFING**
[54] **PANNEAU, ASSEMBLAGE DE PANNEAUX ET TOITURE ASSOCIEE**
[72] CHABAS, ERIC, FR
[72] MASURE, DAVID, FR
[72] NINFORGE, DOMINIQUE, BE
[73] ARCELORMITTAL, LU
[85] 2016-05-20
[86] 2014-11-26 (PCT/IB2014/002572)
[87] (WO2015/079305)
[30] IB (PCT/IB2013/002644) 2013-11-26

[11] **2,931,343**
[13] C
[51] **Int.Cl. B24D 5/00 (2006.01) B24B 55/02 (2006.01)**
[25] EN
[54] **GRINDING WHEEL TOOL**
[54] **OUTIL DE MEULEUSE**
[72] ARISAWA, HIDEAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD., JP
[85] 2016-05-20
[86] 2014-09-09 (PCT/JP2014/073728)
[87] (WO2015/098194)
[30] JP (2013-266324) 2013-12-25

[11] **2,931,425**
[13] C
[51] **Int.Cl. B65D 30/10 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **PACKAGE OPENING SUPPORT**
[54] **SUPPORT D'OUVERTURE D'EMBALLAGE**
[72] HARTLEY, SCOTT HUNTINGTON, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2931425)
[87] (2931425)
[22] 2016-05-27
[30] US (14/722428) 2015-05-27

[11] **2,931,668**
[13] C
[51] **Int.Cl. C23C 24/08 (2006.01) B01J 19/02 (2006.01)**
[25] EN
[54] **METHOD OF TREATING A SURFACE TO PROTECT THE SAME**
[54] **METHODE DE TRAITEMENT DUNE SURFACE A DES FINS DE PROTECTION DE LADITE SURFACE**
[72] HISE, ROBERT L., US
[72] SCANLON, GEOFFREY E., US
[72] BERGMEISTER, JOSEPH, III, US
[72] KNORR, DANIEL B., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[86] (2931668)
[87] (2931668)
[22] 2006-05-31
[62] 2,872,105
[30] US (60/686/792) 2005-06-02

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[13] C
[51] **Int.Cl. B65G 67/24 (2006.01) B61D 7/32 (2006.01)**
[25] EN
[54] **SELF-UNLOADING AGGREGATE TRAIN**
[54] **TRAIN DE TRANSPORT D'AGREGAT A AUTO-DECHARGEMENT**
[72] AARON, CHARLES WAYNE, US
[72] SNEAD, EDWIN DESTEIGUER, US
[73] GEORGETOWN RAIL EQUIPMENT COMPANY, US
[85] 2016-05-26
[86] 2015-02-26 (PCT/US2015/017807)
[87] (WO2015/134282)
[30] US (14/199,080) 2014-03-06

[11] **2,931,871**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **CO2 RECOVERY APPARATUS AND CO2 RECOVERY PROCESS**
[54] **APPAREIL DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**
[72] HIRATA, TAKUYA, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] SORIMACHI, YOSHIKI, JP
[72] SHIMADA, DAISUKE, JP
[72] OISHI, TSUYOSHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-05-26
[86] 2015-01-09 (PCT/JP2015/050550)
[87] (WO2015/111454)
[30] JP (2014-011562) 2014-01-24

[11] **2,932,092**
[13] C
[51] **Int.Cl. B41J 2/045 (2006.01) B41J 29/38 (2006.01)**
[25] EN
[54] **FLUID EJECTION APPARATUS WITH SINGLE POWER SUPPLY CONNECTOR**
[54] **APPAREIL D'EJECTION DE FLUIDE AYANT UN SEUL CONNECTEUR D'ALIMENTATION ELECTRIQUE**
[72] GHOZEIL, ADAM L., US
[72] MAXFIELD, DAVID, US
[72] FRICKE, PETER JAMES, US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, LP, US
[85] 2016-05-26
[86] 2013-11-27 (PCT/US2013/072274)
[87] (WO2015/080732)

[11] **2,932,455**
[13] C
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **GEOPHONE WITH TUNABLE RESONANCE FREQUENCY**
[54] **GEOPHONE AVEC FREQUENCE DE RESONNANCE ACCORDABLE**
[72] HUANG, WEI HSUAN, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-01
[86] 2013-12-31 (PCT/US2013/078401)
[87] (WO2015/102595)

[11] **2,932,566**
[13] C
[51] **Int.Cl. G01R 15/14 (2006.01) G01R 15/20 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **BUS BAR MODULE**
[54] **MODULE DE BARRE OMNIBUS**
[72] NAKAYAMA, WATARU, JP
[72] GOTO, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-06-02
[86] 2014-12-03 (PCT/IB2014/002642)
[87] (WO2015/082980)
[30] JP (2013-253353) 2013-12-06

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[13] C
[51] **Int.Cl. A61K 47/55 (2017.01) A61P 25/08 (2006.01)**
[25] EN
[54] **SERINE GLYCEROPHOSPHOLIPID PREPARATION AND METHOD FOR TREATMENT OF SEIZURES**
[54] **PREPARATION DE GLYCEROPHOSPHOLIPIDES DE SERINE ET METHODE DE TRAITEMENT DE CRISES D'EPILEPSIE**
[72] ZAAROOR REGEV, DAPHNA, IL
[72] HERZOG, YAEL, IL
[72] CHUDNOW, ROBERT, US
[72] RICHTER, YAEL, IL
[72] SORIA ARTZI, GALI OLGA, IL
[73] ENZYMOTEC LTD., IL
[85] 2016-06-03
[86] 2014-12-05 (PCT/US2014/068833)
[87] (WO2015/085192)
[30] US (61/912,073) 2013-12-05

[11] **2,932,862**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/36 (2012.01) G06Q 20/20 (2012.01)**
[25] EN
[54] **DETACHABLE ELECTRONIC PAYMENT DEVICE**
[54] **DISPOSITIF DE PAIEMENT ELECTRONIQUE DETACHABLE**
[72] WALLNER, GEORGE, US
[73] SAMSUNG PAY, INC., US
[85] 2016-06-10
[86] 2016-02-18 (PCT/US2016/018421)
[87] (WO2016/134117)
[30] US (62/118,719) 2015-02-20
[30] US (15/046,819) 2016-02-18

[11] **2,932,903**
[13] C
[51] **Int.Cl. B21C 33/00 (2006.01) B30B 9/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING EXTRUSION BILLETS**
[54] **METHODE ET SYSTEME DE PRODUCTION DE RONDINS D'EXTRUSION**
[72] JAGER, ANDREAS, DE
[72] LINDNER, KARL-HEINZ, DE
[72] ANDERSECK, RALF, DE
[73] BRUHNKE, ULRICH, DE
[85] 2016-06-06
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[25] EN
[54] **VENTING SYSTEM FOR A JET CUTTER IN THE EVENT OF DEFLAGRATION.**
[54] **SYSTEME D'AERATION DESTINE A UNE MACHINE DE DECOUPAGE AU JET D'EAU EN CAS DE DEFLAGRATION.**
[72] COLLINS, WILLIAM R., US
[72] RUDNIK, IAN DOUGLAS, US
[72] PEDERSON, MARK ALLAN, US
[73] HUNTING TITAN, INC., US
[85] 2016-06-08
[86] 2014-10-03 (PCT/US2014/059003)
[87] (WO2015/134066)
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[51] **Int.Cl. F02C 7/36 (2006.01)**
[25] EN
[54] **GEARED TURBOFAN GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE MOTEUR DE TURBINE A GAZ A TURBINE A ENGRENAGES**
[72] KUPRATIS, DANIEL BERNARD, US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[86] (2933432)
[87] (2933432)
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[30] US (14/789,300) 2015-07-01

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[51] **Int.Cl. B60C 27/20 (2006.01) B60C 27/06 (2006.01)**
[25] EN
[54] **TIRE ANTI-SLIP DEVICE**
[54] **DISPOSITIF ANTI-GLISSEMENT POUR PNEUMATIQUES**
[72] TANABE, SHIGERU, JP
[73] CAR MATE MFG. CO., LTD., JP
[85] 2016-06-10
[86] 2014-10-23 (PCT/JP2014/005398)
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[51] **Int.Cl. E21B 43/117 (2006.01)**
[25] EN
[54] **SHAPED CHARGE RETAINER SYSTEM**
[54] **SYSTEME DE FIXATION DE CHARGES CREUSES**
[72] COLLINS, WILLIAM R., US
[72] MCDONALD, DEBRA C., US
[72] SHULTE, BRADLEY D., US
[73] HUNTING TITAN, INC., US
[85] 2016-06-10
[86] 2015-05-21 (PCT/US2015/032054)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/11 (2006.01) E21B 43/114 (2006.01)**
[25] EN
[54] **SIMULTANEOUS INJECTION AND PRODUCTION WELL SYSTEM**
[54] **SYSTEME DE PUITS A INJECTION ET PRODUCTION SIMULTANEES**
[72] GRECI, STEPHEN MICHAEL, US
[72] LOPEZ, JEAN-MARC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-13
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[51] **Int.Cl. G09F 9/33 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A MODULAR MULTI-PANEL DISPLAY**
[54] **SYSTEME ET PROCEDE POUR UN AFFICHAGE MODULAIRE A MULTIPLES PANNEAUX**
[72] HALL, WILLIAM Y., US
[73] ULTRAVISION TECHNOLOGIES, LLC, US
[85] 2016-06-13
[86] 2014-12-24 (PCT/US2014/072373)
[87] (WO2015/103079)
[30] US (61/922,631) 2013-12-31
[30] US (62/025,463) 2014-07-16
[30] US (14/341,678) 2014-07-25
[30] US (14/444,719) 2014-07-28
[30] US (14/444,775) 2014-07-28
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[51] **Int.Cl. B32B 37/02 (2006.01) H02K 15/02 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING LAMINATED CORE**
[54] **PROCEDE DE FABRICATION D'AME STRATIFIEE**
[72] SASAKI, KATSUHIRO, JP
[72] FUKUMOTO, TAKASHI, JP
[72] OGATA, MEI, JP
[73] MITSUI HIGH-TEC, INC., JP
[86] (2933873)
[87] (2933873)
[22] 2016-06-22
[30] JP (2015-131708) 2015-06-30

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[51] **Int.Cl. A47L 1/02 (2006.01) A47L 7/00 (2006.01) A47L 9/02 (2006.01) A47L 11/40 (2006.01)**
[25] EN
[54] **SUCTION NOZZLE WITH AT LEAST TWO INTERMEDIATE WALLS**
[54] **BUSE D'ASPIRATION POSSEDANT AU MOINS DEUX PAROIS INTERMEDIAIRES**
[72] JURGENS, RALF, DE
[72] GIBIS, KARL-LUDWIG, DE
[73] CARL FREUDENBERG KG, DE
[85] 2016-06-08
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[51] **Int.Cl. B65D 55/02 (2006.01) B65D 43/14 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT PLASTIC FOOD CONTAINER WITH TRIGGER OPEN MECHANISM**
[54] **CONTENANT EN PLASTIQUE INVIOLABLE DESTINE A RECEVOIR DES ALIMENTS ET DOTE D'UN MECANISME D'OUVERTURE A DECLENCHEMENT**
[72] KRUEGER, KEVIN, US
[72] STEIN, BRUCE, US
[73] ANCHOR PACKAGING, INC., US
[86] (2934294)
[87] (2934294)
[22] 2016-06-28
[30] US (14/869,135) 2015-09-29

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[51] **Int.Cl. B62B 5/04 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **TWO-WAY COMMUNICATION SYSTEM FOR TRACKING LOCATIONS AND STATUSES OF WHEELED VEHICLES**
[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNEL PERMETTANT DE SUIVRE LES POSITIONS ET LES ETATS DE VEHICULES A ROUES**
[72] HANNAH, STEPHEN E., US
[72] CARTER, SCOTT J., US
[72] JAMES, JESSE M., US
[73] GATEKEEPER SYSTEMS, INC., US
[86] (2934721)
[87] (2934721)
[22] 2006-03-20
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[51] **Int.Cl. B21D 24/00 (2006.01)**
[25] EN
[54] **STEEL SHEET HEATING METHOD AND STEEL SHEET HEATING APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE CHAUFFAGE DE PLAQUE D'ACIER**
[72] FUKUCHI, HIROSHI, JP
[72] NOMURA, NARUHIKO, JP
[72] SETO, ATSUSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-06-21
[86] 2015-01-23 (PCT/JP2015/051832)
[87] (WO2015/115327)
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[25] EN
[54] **MANUFACTURING PROCESS FOR INTEGRATED COMPUTATIONAL ELEMENTS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE CALCUL INTEGRES**
[72] PERKINS, DAVID L., US
[72] PELLETIER, MICHAEL T., US
[72] PRICE, JAMES M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-27
[86] 2014-03-21 (PCT/US2014/031454)
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[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/48 (2006.01) B01D 53/92 (2006.01)**
[25] EN
[54] **A DESULFURIZER FOR CONVERSION AND ABSORPTION OF HIGH-CONCENTRATION CARBONYL SULFIDE AND A DESULFURIZER FOR CATALYTIC CONVERSION AND ABSORPTION OF CARBON DISULFIDE AND THEIR PREPARATION METHODS**
[54] **UN DESULFURANT DESTINE A LA CONVERSION ET L'ABSORPTION DE SULFURE DE CARBONYLE ET UN DESULFURANT DESTINE A LA CONVERSION CATALYTIQUE ET A L'ABSORPTION DE DISULFURE DE CARBONE ET LEURS METHODES DE PREPARATION**
[72] LI, LIYING, CN
[72] SONG, WENWEN, CN
[72] MAO, WENJUN, CN
[72] ZHANG, ZHIMIN, CN
[72] LIU, BOSHU, CN
[72] LIU, ZHENYI, CN
[73] BEIJING SJ ENVIRONMENTAL PROTECTION AND NEW MATERIAL CO., LTD., CN
[85] 2016-06-29
[86] 2014-12-30 (PCT/CN2014/095470)
[87] (WO2015/101275)
[30] CN (201310751598.3) 2013-12-31
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[13] C
[51] **Int.Cl. G03G 15/20 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **HYBRID HEATER WITH DUAL FUNCTION HEATING CAPABILITY**
[54] **CHAUFFAGE HYBRIDE AVEC CAPACITE DE CHAUFFAGE A DOUBLE FONCTION**
[72] CAMPBELL, MICHAEL CLARK, US
[72] ETTER, PAUL WESLEY, US
[72] RILEY, JAMES ADRIAN, US
[72] SMITH, JERRY WAYNE, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2016-06-15
[86] 2014-12-22 (PCT/US2014/071951)
[87] (WO2015/103007)

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[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTELY CONTROLLING AN IMITATION CANDLE DEVICE**
[54] **SYSTEMES ET METHODES DE CONTROLE A DISTANCE D'UN DISPOSITIF D'IMITATION DE CHANDELLE**
[72] LI, XIAOFENG, CN
[73] LI, XIAOFENG, CN
[86] (2936224)
[87] (2936224)
[22] 2016-07-13
[30] CN (201610437230.3) 2016-06-17
[30] US (15/197,354) 2016-06-29

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[51] **Int.Cl. F02C 7/36 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **EPICYCLIC GEAR TRAIN**
[54] **TRAIN PLANETAIRE**
[72] MCCUNE, MICHAEL E., US
[72] PORTLOCK, LAWRENCE E., US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[86] (2936576)
[87] (2936576)
[22] 2016-07-18
[30] US (14/824,351) 2015-08-12

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[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/77 (2006.01) B01D 61/44 (2006.01) C02F 1/04 (2006.01) C02F 1/32 (2006.01) C02F 1/42 (2006.01) C02F 1/469 (2006.01)**
[25] EN
[54] **RECLAIMING DEVICE, RECLAIMING METHOD, AND RECOVERY UNIT FOR CO2 OR H2S OR BOTH**
[54] **DISPOSITIF DE RECUPERATION, METHODE DE RECUPERATION ET MODULE DE RECUPERATION DE CO2 OU DE H2S OU DES DEUX**
[72] HAGIMOTO, AKIYORI, JP
[72] OISHI, TSUYOSHI, JP
[72] HAMADA, TSUTOMU, JP
[72] YUKUMOTO, ATSUHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-07-12
[86] 2015-01-07 (PCT/JP2015/050264)
[87] (WO2015/107958)
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[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **PHENOL RESIN FOAM BODY AND METHOD FOR PRODUCING SAME**
[54] **CORPS EN MOUSSE DE RESINE PHENOLIQUE ET SON PROCEDE DE PRODUCTION**
[72] HAMAJIMA MASATO, JP
[72] MUKAIYAMA SHIGEMI, JP
[72] FUKASAWA YOSHIHITO, JP
[72] KUMADA ATSUSHI, JP
[73] ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, JP
[85] 2016-07-14
[86] 2015-01-22 (PCT/JP2015/051730)
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[13] C
[51] **Int.Cl. B31B 50/26 (2017.01)**
[25] EN
[54] **REINFORCED POLYGONAL CONTAINERS AND BLANKS, METHODS, AND MACHINE FOR MAKING THE SAME**
[54] **CONTENEURS POLYGONAUX RENFORCES, ET FLANS, METHODES ET MACHINES DE FABRICATION**
[72] GRAHAM, THOMAS D., US
[72] ANDERSON, RICKI D., US
[72] ROJAS, GUILLERMO, US
[72] SMITH, KENNETH C., US
[73] ROCK-TENN SHARED SERVICES, LLC, US
[86] (2938554)
[87] (2938554)
[22] 2009-05-07
[62] 2,665,941
[30] US (61/051302) 2008-05-07
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **CUT-TO-RELEASE PACKER WITH LOAD TRANSFER DEVICE TO EXPAND PERFORMANCE ENVELOPE**
[54] **GARNITURE D'ETANCHEITE A LIBERATION PAR COUPURE, DOTEE D'UN DISPOSITIF DE TRANSFERT DE CHARGE POUR ETENDRE L'ENVELOPPE DE PERFORMANCES**
[72] FOONG, RYAN ZHE CONG, SG
[72] WONG, DANIEL LORNG YON, SG
[72] KAM, IRIS SOK YEE, SG
[72] CHUA, YIT LONG RAYMOND, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-09
[86] 2014-03-24 (PCT/US2014/031613)
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[51] **Int.Cl. C07C 45/77 (2006.01) C07C 49/713 (2006.01) C07C 67/28 (2006.01) C07C 69/16 (2006.01) C07C 69/28 (2006.01)**
[25] EN
[54] **MONOESTERS, INNER COMPLEX SALTS OR MONOESTER SALTS OF HEXAHYDRO-"BETA"-ACID AND APPLICATION THEREOF AS ANIMAL FEED ADDITIVES**
[54] **MONOESTERS, SELS COMPLEXES INTERNES OU SELS DE MONOESTER DE L'ACIDE BETA D'HEXAHYDRO- ET LEUR APPLICATION COMME ADDITIF A DES ALIMENTS POUR ANIMAUX**
[72] PENG, XIANFENG, CN
[72] QIN, ZONGHUA, CN
[72] HUANG, JIJUN, CN
[73] GUANGZHOU INSIGHTER BIOTECHNOLOGY CO., LTD., CN
[85] 2016-08-11
[86] 2014-03-19 (PCT/CN2014/073654)
[87] (WO2015/123905)
[30] CN (201410056734.1) 2014-02-19

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[51] **Int.Cl. C12P 5/02 (2006.01) C02F 3/28 (2006.01) C02F 3/30 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12P 1/00 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANAEROBIC DIGESTION OF BIOMASSES**
[54] **SYSTEME ET METHODE DE DIGESTION ANAEROBIE DE BIOMASSES**
[72] JOHNSON, DETLEV K., US
[73] LANDMARK IP HOLDINGS, LLC, US
[86] (2939565)
[87] (2939565)
[22] 2008-10-27
[62] 2,703,715
[30] US (60/982,672) 2007-10-25
[30] US (61/078,835) 2008-07-08

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[13] C
[51] **Int.Cl. F16C 27/02 (2006.01)**
[25] EN
[54] **RADIAL FOIL BEARING**
[54] **PALIER A FEUILLES RADIALES**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2016-08-12
[86] 2015-02-18 (PCT/JP2015/054444)
[87] (WO2015/125825)
[30] JP (2014-028389) 2014-02-18

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[13] C
[51] **Int.Cl. B60G 3/20 (2006.01) B60G 13/06 (2006.01) B62D 21/18 (2006.01)**
[25] EN
[54] **DUMP TRUCK SUSPENSION**
[54] **SUSPENSION DE CAMION A BENNE**
[72] URANAKA, KYOUJI, JP
[72] OKAMOTO, KOUICHI, JP
[72] SASAKI, TAIGA, JP
[73] KOMATSU LTD., JP
[85] 2016-08-22
[86] 2014-02-27 (PCT/JP2014/054977)
[87] (WO2015/129009)

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[13] C
[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER MITRAL VALVE STENT FRAMES**
[54] **CADRES TRANSCATHETER D'ENDOPROTHESE DE VALVULE MITRALE**
[72] DALE, THEODORE P., US
[72] PARA, ANDREA N., US
[72] SATAM, GAURAV C., US
[72] DIEDERING, JASON S., US
[72] BENSON, THOMAS M., US
[72] KUMAR, SARAVANA, US
[73] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US
[85] 2016-08-31
[86] 2015-03-19 (PCT/US2015/021367)
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[30] US (61/970,443) 2014-03-26

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[13] C
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL PROSTHETIC STRUCTURE FOR IMPLANT**
[54] **STRUCTURE DE PROTHESE DENTAIRE DESTINEE A UN IMPLANT**
[72] PEREZ YANINI, JUAN CARLOS, ES
[73] IMPLANT PROTESIS DENTAL 2004 S.L., ES
[85] 2016-09-08
[86] 2015-03-10 (PCT/ES2015/070168)
[87] (WO2015/136136)
[30] ES (P201430328) 2014-03-11

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[51] **Int.Cl. C10M 169/04 (2006.01) F16L 15/04 (2006.01) C10M 107/02 (2006.01) C10M 107/26 (2006.01) C10M 109/00 (2006.01) C10M 125/30 (2006.01) C10M 147/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR SOLID LUBRICATING COATING, THREADED CONNECTION FOR PIPE OR TUBE INCLUDING THE SOLID LUBRICATING COATING FORMED FROM THE COMPOSITION, AND METHOD OF PRODUCING THE THREADED CONNECTION**
[54] **COMPOSITION DE REVETEMENT LUBRIFIANT SOLIDE, RACCORD FILETE POUR TUYAU OU TUBE COMPORTANT LE REVETEMENT LUBRIFIANT SOLIDE FORME A PARTIR DE LA COMPOSITION ET METHODE DE PRODUCTIOND'UN RACCORD FILETE**
[72] GOTO, KUNIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2016-09-09
[86] 2015-03-03 (PCT/JP2015/001112)
[87] (WO2015/141159)
[30] JP (2014-058702) 2014-03-20

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[13] C
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **MEDICAL ANASTOMOSIS DEVICE**
[54] **DISPOSITIF D'ANASTOMOSE MEDICALE**
[72] DING, SHUICHENG, CN
[72] CHEN, WANGDONG, CN
[72] SHI, YANBO, CN
[73] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
[85] 2016-09-12
[86] 2015-04-03 (PCT/CN2015/075828)
[87] (WO2015/149715)
[30] CN (201410135296.8) 2014-04-04
[30] CN (201510112664.1) 2015-03-13

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[51] **Int.Cl. F04B 47/02 (2006.01) F04B 49/00 (2006.01)**
[25] EN
[54] **SUBTERRANEAN PUMP WITH PUMP CLEANING MODE**
[54] **POMPE SOUTERRAINE AVEC MODE DE NETTOYAGE DE POMPE**
[72] PETERSON, RONALD G., US
[72] BENDER, JONATHAN D., US
[73] UNICO, INC., US
[85] 2016-09-23
[86] 2015-05-06 (PCT/US2015/029510)
[87] (WO2015/171797)
[30] US (61/990,492) 2014-05-08
[30] US (14/704,079) 2015-05-05

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[13] C
[51] **Int.Cl. G01V 3/38 (2006.01) E21B 47/022 (2012.01) G01V 3/08 (2006.01)**
[25] EN
[54] **TIME-LAPSE ELECTROMAGNETIC MONITORING**
[54] **SURVEILLANCE ELECTROMAGNETIQUE DE LAPS DE TEMPS**
[72] WILSON, GLENN A., US
[72] DONDERICI, BURKAY, US
[72] FOUDA, AHMED, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-28
[86] 2014-04-16 (PCT/US2014/034416)
[87] (WO2015/160347)

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[13] C
[51] **Int.Cl. C08L 1/00 (2006.01) B01F 17/52 (2006.01) C08F 293/00 (2006.01) C08J 3/05 (2006.01) C08L 97/00 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **POLYMER DISPERSANT FOR CELLULOSE, AQUEOUS DISPERSION TREATMENT AGENT CONTAINING SAME, READILY DISPERSIBLE CELLULOSE COMPOSITION, CELLULOSE DISPERSION RESIN COMPOSITION, AND DISPERSANT-CONTAINING RESIN COMPOSITION FOR CELLULOSE DISPERSION**
[54] **AGENT DISPERSANT POLYMERE POUR CELLULOSE, AGENT DE TRAITEMENT DE DISPERSION AQUEUX COMPRENANT CET AGENT DISPERSANT POLYMERE, COMPOSITION DE CELLULOSE FACILEMENT DISPERSABLE, COMPOSITION DE RESINE A DISPERSION DE CELLULOSE, ET COMPOSITION DE RESINE COMPRENANT UN AGENT DISPERSANT POUR DISPERSION DE CELLULOSE**
[72] IMAI, TAKAHIRO, JP
[72] AOYAGI, TAIYO, JP
[72] SHIMANAKA, HIROYUKI, JP
[72] TSUJII, YOSHINOBU, JP
[72] SAKAKIBARA, KEITA, JP
[72] GOTO, ATSUSHI, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[73] KYOTO UNIVERSITY, JP
[85] 2016-09-29
[86] 2015-03-30 (PCT/JP2015/060028)
[87] (WO2015/152188)
[30] JP (2014-072482) 2014-03-31

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[11] **2,945,862**
[13] C
[51] **Int.Cl. G01B 9/02 (2006.01)**
[25] EN
[54] **DISPERSION ENCODED FULL RANGE OPTICAL COHERENCE TOMOGRAPH**
[54] **TOMOGRAPHE A COHERENCE OPTIQUE DE PLEINE PLAGE A CODAGE A DISPERSION**
[72] MASSOW, OLE, DE
[72] LOERNER, JOHANNES, DE
[73] WAVELIGHT GMBH, DE
[85] 2016-10-14
[86] 2014-06-17 (PCT/EP2014/062666)
[87] (WO2015/192886)

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[11] **2,946,442**
[13] C
[51] **Int.Cl. A23L 2/54 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **BEVERAGE CARBONATION SYSTEM AND METHOD**
[54] **APPAREIL DE CARBONATATION DE BOISSON ET METHODE**
[72] TIPTON, GUY, CA
[73] TIPTON, GUY, CA
[86] (2946442)
[87] (2946442)
[22] 2016-10-27
[30] US (62/285,398) 2015-10-28

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[11] **2,946,624**
[13] C
[51] **Int.Cl. A01G 27/02 (2006.01)**
[25] EN
[54] **PLANT WATERING SYSTEM**
[54] **MECANISME D'ARROSAGE DES PLANTES**
[72] LAU, KI MAU, HK
[73] LAU, KI MAU, HK
[86] (2946624)
[87] (2946624)
[22] 2016-10-27
[30] GB (1518932.7) 2015-10-27

[11] **2,947,240**
[13] C
[51] **Int.Cl. F16D 21/00 (2006.01)**
[25] EN
[54] **CLUTCH DEVICE**
[54] **DISPOSITIF D'EMBRAYAGE**
[72] SATOI, YUHI, JP
[72] MIURA, KAZUHA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2947240)
[87] (2947240)
[22] 2016-11-01
[30] JP (2015-243420) 2015-12-14

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[11] **2,948,147**
[13] C
[51] **Int.Cl. C09K 8/04 (2006.01) E21B 21/00 (2006.01) E21B 21/14 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE AND HIGH PRESSURE FLUID LOSS ADDITIVES AND METHODS OF USE THEREOF**
[54] **REDUCTEURS DE FILTRAT HAUTE TEMPERATURE ET HAUTE PRESSION ET LEURS PROCEDES D'UTILISATION**
[72] ALEXANDRE, MARC A., US
[72] LIFTON, GREGORY VICTOR, US
[72] MELBOUCI, MOHAND, US
[72] WANG, JANICE JIANZHAO, US
[73] HERCULES LLC, US
[85] 2016-11-04
[86] 2015-05-05 (PCT/US2015/029228)
[87] (WO2015/171601)
[30] US (61/988,698) 2014-05-05

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[11] **2,949,470**
[13] C
[51] **Int.Cl. C23C 14/34 (2006.01) B24B 1/00 (2006.01) B24B 19/00 (2006.01) C23C 14/02 (2006.01) C23C 14/16 (2006.01) G01T 3/00 (2006.01) G21G 1/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NEUTRON CONVERTERS**
[54] **PROCEDE DE PRODUCTION DE CONVERTISSEURS DE NEUTRONS**
[72] STORMER, MICHAEL, DE
[72] HORSTMANN, CHRISTIAN, DE
[72] NOWAK, GREGOR, DE
[72] KAMPMANN, REINHARD, DE
[72] HEDDE, JOHN, DE
[73] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL-UND KUESTENFORSCHUNG GMBH, DE
[85] 2016-11-15
[86] 2015-06-29 (PCT/EP2015/064751)
[87] (WO2016/008713)
[30] EP (14176907.5) 2014-07-14

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[11] **2,949,855**
[13] C
[51] **Int.Cl. C22C 38/12 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] FR
[54] **DOUBLE-ANNEALED STEEL SHEET HAVING HIGH MECHANICAL STRENGTH AND DUCTILITY CHARACTERISTICS, METHOD OF MANUFACTURE AND USE OF SUCH SHEETS**
[54] **TOLE D'ACIER DOUBLEMENT RECUITE A HAUTES CARACTERISTIQUES MECANIQUES DE RESISTANCE ET DE DUCTILITE, PROCEDE DE FABRICATION ET UTILISATION DE TELLES TOLES**
[72] ARLAZAROV, ARTEM, FR
[72] HELL, JEAN-CHRISTOPHE, FR
[72] KEGEL, FREDERIC, FR
[73] ARCELORMITTAL, LU
[85] 2016-11-21
[86] 2015-05-07 (PCT/IB2015/000651)
[87] (WO2015/177615)
[30] IB (PCT/IB2014/000785) 2014-05-20

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[11] **2,950,916**
[13] C
[51] **Int.Cl. H04W 36/30 (2009.01) H04W 16/28 (2009.01) H04W 74/04 (2009.01) H01Q 3/00 (2006.01)**
[25] EN
[54] **HANDOVER WITH INTEGRATED ANTENNA BEAM TRAINING IN WIRELESS NETWORKS**
[54] **TRANSFERT AVEC APPRENTISSAGE DE FAISCEAU D'ANTENNE INTEGREE DANS DES RESEAUX SANS FIL**
[72] HAMPEL, KARL GEORG, US
[72] LI, JUNYI, US
[72] PARK, VINCENT DOUGLAS, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-11-30
[86] 2015-06-11 (PCT/US2015/035388)
[87] (WO2016/003624)
[30] US (14/320,322) 2014-06-30

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[11] **2,952,222**
[13] C
[51] **Int.Cl. F16C 35/04 (2006.01) F16H 1/28 (2006.01) F16H 57/08 (2006.01)**
[25] EN
[54] **POWER GEARBOX PIN ARRANGEMENT**
[54] **DISPOSITIF DE TIGE D'ENGRENAGE ELECTRIQUE**
[72] HASTING, WILLIAM HOWARD, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2952222)
[87] (2952222)
[22] 2016-12-06
[30] US (14/966,291) 2015-12-11

[11] **2,952,325**
[13] C
[51] **Int.Cl. B21D 37/04 (2006.01) B21D 26/047 (2011.01)**
[25] EN
[54] **MOLDING APPARATUS, METHOD FOR REPLACING COMPONENTS OF MOLDING APPARATUS, AND REPLACEMENT UNIT FOR MOLDING APPARATUS**
[54] **APPAREIL DE MOULAGE, METHODE DE REMPLACEMENT DE COMPOSANTES D'APPAREIL DE MOULAGE ET MODULE DE REMPLACEMENT D'UN APPAREIL DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] SAIKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] KOMATSU, TAKASHI, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2016-12-13
[86] 2015-06-19 (PCT/JP2015/067713)
[87] (WO2015/194660)
[30] JP (2014-126376) 2014-06-19

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[11] **2,953,865**
[13] C
[51] **Int.Cl. B65D 53/06 (2006.01) B31B 50/74 (2017.01)**
[25] EN
[54] **RE-SEALABLE PACKAGES WITH INDEPENDENTLY PEELABLE LIDDING MEMBER PORTIONS**
[54] **EMBALLAGES REFERMABLES A PORTIONS D'ELEMENT DE COUVERCLE PELABLES DE MANIERE INDEPENDANTE**
[72] HUFFER, SCOTT WILLIAM, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2953865)
[87] (2953865)
[22] 2017-01-05
[30] US (15/050677) 2016-02-23

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[11] **2,955,358**
[13] C
[51] **Int.Cl. G01S 1/74 (2006.01)**
[25] EN
[54] **ULTRASONIC LOCATIONING SYSTEM USING A DUAL PHASE PULSE**
[54] **SYSTEME DE LOCALISATION A ULTRASONS UTILISANT UNE IMPULSION A DEUX PHASES**
[72] CALVARESE, RUSSELL E., US
[72] LAVERY, RICHARD J., US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2017-01-16
[86] 2015-07-16 (PCT/US2015/040694)
[87] (WO2016/018635)
[30] US (14/448,161) 2014-07-31

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[11] **2,957,748**
[13] C
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/00 (2006.01) E21D 20/02 (2006.01)**
[25] EN
[54] **ROCK BOLT SEAL**
[54] **JOINT DE BOULON A ROCHE**
[72] ADAMS, LYLE KENNETH, CA
[73] ADAMS, LYLE KENNETH, CA
[86] (2957748)
[87] (2957748)
[22] 2017-02-13

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[11] **2,957,962**
[13] C
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **IMPLANTABLE LEAD AFFIXATION STRUCTURE FOR NERVE STIMULATION TO ALLEVIATE BLADDER DYSFUNCTION AND OTHER INDICATIONS**
[54] **STRUCTURE DE FIXATION DE SONDE IMPLANTABLE POUR LA STIMULATION DES NERFS AFIN D'ATTENUER UN DYSFONCTIONNEMENT DE LA VESSIE ET D'AUTRES INDICATIONS**
[72] LEE, HENRY, US
[72] HWU, ALEXANDER, US
[73] AXONICS MODULATION TECHNOLOGIES, INC., US
[85] 2017-02-10
[86] 2015-08-14 (PCT/US2015/045401)
[87] (WO2016/025910)
[30] US (62/038,122) 2014-08-15
[30] US (62/110,274) 2015-01-30

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[11] **2,958,274**
[13] C
[51] **Int.Cl. C08G 61/12 (2006.01) H01M 4/60 (2006.01)**
[25] EN
[54] **POLYTHIOPHENE DERIVATIVE, SECONDARY CELL CATHODE ACTIVE MATERIAL, AND SECONDARY CELL**
[54] **DERIVE DE POLYTHIOPHENE, MATERIAU ACTIF DE CATHODE D'ACCUMULATEUR ET ACCUMULATEUR**
[72] NOMURA, MASAYOSHI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2017-02-16
[86] 2015-08-07 (PCT/JP2015/072522)
[87] (WO2016/027704)
[30] JP (2014-167007) 2014-08-19

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[11] **2,958,407**
[13] C
[51] **Int.Cl. C01B 17/45 (2006.01)**
[25] EN
[54] **BROMINE-FACILITATED SYNTHESIS OF FLUORO-SULFUR COMPOUNDS**
[54] **SYNTHESE FACILITEE PAR LE BROME DE COMPOSES DE FLUORO-SOUFRE**
[72] WINTER, ROLF, US
[73] AVANTBIO CORPORATION, US
[86] (2958407)
[87] (2958407)
[22] 2009-06-11
[62] 2,912,893
[30] US (61/060,642) 2008-06-11
[30] US (61/153,180) 2009-02-17
[30] US (61/176,674) 2009-05-08

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[11] **2,958,951**
[13] C
[51] **Int.Cl. H04R 3/12 (2006.01) G09B 9/22 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **A SYSTEM FOR SELECTING A LOUDSPEAKER BASED ON ITS LOW FREQUENCY RENDERING**
[54] **UN SYSTEME DE SELECTION D'UN HAUT-PARLEUR FONDE SUR SON RENDU A BASSE FREQUENCE**
[72] AYOTTE, MAXIME, CA
[72] GIGUERE, MARC-ANDRE, CA
[73] CAE INC, CA
[86] (2958951)
[87] (2958951)
[22] 2017-02-24

[11] **2,958,955**
[13] C
[51] **Int.Cl. H04R 29/00 (2006.01) G09B 9/22 (2006.01)**
[25] EN
[54] **A SYSTEM FOR DYNAMICALLY ADAPTING CALIBRATED MULTI-CHANNEL NON-COHERENT SIGNALS**
[54] **UN SYSTEME D'ADAPTATION DYNAMIQUE DES SIGNAUX NON COHERENTS MULTICANAUX ETALONNES**
[72] AYOTTE, MAXIME, CA
[73] CAE INC, CA
[86] (2958955)
[87] (2958955)
[22] 2017-02-24

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[11] **2,959,856**
[13] C
[51] **Int.Cl. C09D 201/00 (2006.01) C09D 5/00 (2006.01)**
[25] EN
[54] **POLYELECTROLYTE COMPLEXES**
[54] **COMPLEXES DE POLYELECTROLYTES**
[72] SCHEUING, DAVID R., US
[72] LESTAGE, DAVID J., US
[72] BENNETT, CARL W., US
[72] KNOCK, MONA M., US
[72] SCALES, CHARLES W., US
[72] SMITH, WILLIAM L., US
[72] ZHANG, RUI, US
[73] THE CLOROX COMPANY, US
[86] (2959856)
[87] (2959856)
[22] 2011-03-22
[62] 2,791,517
[30] US (12/749,288) 2010-03-29
[30] US (13/046,385) 2011-03-11

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[11] **2,960,397**
[13] C
[51] **Int.Cl. G06T 7/00 (2017.01) G06K 9/00 (2006.01) G06K 9/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LIVENESS ANALYSIS**
[54] **SYSTEMES ET PROCEDES POUR UNE ANALYSE DU CARACTERE VIVANT**
[72] HIRVONEN, DAVID, US
[73] EYEVERIFY INC., US
[85] 2017-03-06
[86] 2015-09-09 (PCT/US2015/049195)
[87] (WO2016/040487)
[30] US (14/480,802) 2014-09-09

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[11] **2,961,248**
[13] C
[51] **Int.Cl. H01R 13/44 (2006.01) H01R 27/00 (2006.01) H01R 31/06 (2006.01)**
[25] EN
[54] **ELECTRICAL PLUG AND ADAPTER WITH RETRACTABLE PRONGS**
[54] **PRISE ELECTRIQUE ET ADAPTATEUR DOTE DE BROCHES RETRACTABLES**
[72] HASAN, FARUQ, CA
[73] CABLE GEAR HOLDINGS LLC, US
[86] (2961248)
[87] (2961248)
[22] 2017-03-17

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[11] **2,961,779**
[13] C
[51] **Int.Cl. C12G 1/026 (2006.01) C12G 1/022 (2006.01) C12G 1/024 (2006.01) C12M 1/02 (2006.01)**
[25] EN
[54] **SINGLE STAGE WINEMAKING APPARATUS AND METHOD**
[54] **APPAREIL DE FABRICATION DU VIN A UNE ETAPE ET METHODE**
[72] NOVAK, GARY F., CA
[73] NOVAK, GARY F., CA
[86] (2961779)
[87] (2961779)
[22] 2017-03-23

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[11] **2,961,821**
[13] C
[51] **Int.Cl. B60P 1/36 (2006.01)**
[25] EN
[54] **TRUCK MOUNTED EXTENSIBLE CONVEYOR SYSTEM**
[54] **DISPOSITIF DE COURROIE DE TRANSPORT EXTENSIBLE INSTALLE SUR UN CAMION**
[72] ESCH, JAMES H., US
[73] CUSTOM TRUCK & EQUIPMENT LLC, US
[86] (2961821)
[87] (2961821)
[22] 2017-03-22
[30] US (15/082,133) 2016-03-28

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[11] **2,962,665**
[13] C
[51] **Int.Cl. B32B 37/12 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **POLYMER NETWORK WITH TRIPLE-SHAPE-MEMORY EFFECT AND ASSOCIATED PROGRAMMING METHOD**
[54] **RETICULAT POLYMERIQUE A EFFET DE MEMOIRE DE FORME TRIPLE ET PROCEDE DE PROGRAMMATION ASSOCIE**
[72] BEHL, MARC, DE
[72] LENDLEIN, ANDREAS, DE
[72] FENG, YAKAI, DE
[72] ZOTZMANN, JORG, DE
[73] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNG GMBH, DE
[86] (2962665)
[87] (2962665)
[22] 2009-10-29
[62] 2,741,938
[30] DE (10 2008 055 870.2) 2008-10-31

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[11] **2,962,780**
[13] C
[51] **Int.Cl. G01S 15/46 (2006.01) A61B 34/10 (2016.01) G01B 7/004 (2006.01) G09B 9/00 (2006.01) G09B 23/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A POSITION ON AN EXTERNAL SURFACE OF AN OBJECT**
[54] **SYSTEME ET METHODE DE DETERMINATION D'UNE POSITION SUR UNE SURFACE EXTERNE D'UN OBJET**
[72] CARON, FRANCOIS, CA
[72] FLAMAND, JEAN-SEBASTIEN, CA
[73] CAE HEALTHCARE CANADA INC, CA
[86] (2962780)
[87] (2962780)
[22] 2017-03-30

[11] **2,963,112**
[13] C
[51] **Int.Cl. G01R 31/00 (2006.01) G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DIAGNOSIS OF A SIMULATOR**
[54] **METHODE ET SYSTEME DE DIAGNOSTIC D'UN SIMULATEUR**
[72] GIROUX, ANN-KATHERINE, CA
[72] GALIBOIS, MICHEL, CA
[72] HENEAULT, YANNICK, CA
[72] FILKORN, GUNTHER SASCHA, CA
[72] MELOCHE-CHARLEBOIS, FRANCIS, CA
[73] CAE INC., CA
[86] (2963112)
[87] (2963112)
[22] 2017-03-31

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[11] **2,963,115**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G08B 21/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PREVENTING AN ANOMALY IN A SIMULATOR**
[54] **METHODE ET SYSTEME DE PREVENTION D'UNE ANOMALIE DANS UN SIMULATEUR**
[72] GIROUX, ANN-KATHERINE, CA
[72] GALIBOIS, MICHEL, CA
[72] HENEAULT, YANNICK, CA
[72] FILKORN, GUNTHER SASCHA, CA
[72] MELOCHE-CHARLEBOIS, FRANCIS, CA
[73] CAE INC., CA
[86] (2963115)
[87] (2963115)
[22] 2017-03-31

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[11] **2,963,252**
[13] C
[51] **Int.Cl. H04N 21/80 (2011.01) G06T 15/04 (2011.01) G06T 15/00 (2011.01) G09B 9/00 (2006.01)**
[25] EN
[54] **MULTIPLE DATA SOURCES OF CAPTURED DATA INTO SINGLE NEWLY RENDERED VIDEO FEED**
[54] **SOURCES DE DONNEES MULTIPLES DE DONNEES CAPTUREES DANS UN FLUX VIDEO NOUVELLEMENT RENDU SIMPLE**
[72] IRELAND, ALEXANDER, CA
[72] RUSS, JACK, CA
[72] BOWNESS, DAVID, CA
[73] CAE INC., CA
[86] (2963252)
[87] (2963252)
[22] 2017-04-03
[30] US (15/476,946) 2017-03-31

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[11] **2,963,254**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **CONTEXTUAL MONITORING PERSPECTIVE SELECTION DURING TRAINING SESSION**
[54] **SELECTION DE PERSPECTIVE DE SURVEILLANCE CONTEXTUELLE PENDANT UNE SEANCE DE FORMATION**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC., CA
[86] (2963254)
[87] (2963254)
[22] 2017-04-03
[30] CA (PCT/CA2017/050181) 2017-02-15
[30] US (15/476,955) 2017-03-31

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[11] **2,963,256**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **PERSPECTIVE SELECTION FOR A DEBRIEFING SCENE**
[54] **SELECTION DE PERSPECTIVE D'UNE SCENE DE COMPTE RENDU**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC., CA
[86] (2963256)
[87] (2963256)
[22] 2017-04-03
[30] CA (PCT/CA2017/050181) 2017-02-15
[30] US (15/476,952) 2017-03-31

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[11] **2,963,257**
[13] C
[51] **Int.Cl. H04N 21/80 (2011.01) H04N 21/44 (2011.01) G06T 5/00 (2006.01) G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **DETERIORATED VIDEO FEED**
[54] **FLUX VIDEO DETERIORE**
[72] RUSS, JACK, CA
[72] BOWNESS, DAVID, CA
[72] IRELAND, ALEXANDER, CA
[73] CAE INC., CA
[86] (2963257)
[87] (2963257)
[22] 2017-04-03
[30] US (15/476,949) 2017-03-31

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[11] **2,965,468**
[13] C
[51] **Int.Cl. B60T 15/02 (2006.01) B60T 15/18 (2006.01)**
[25] EN
[54] **BRAKE CYLINDER MAINTAINING VALVE WITH IMPROVED PRESSURE REGULATION**
[54] **CYLINDRE RECEPTEUR MAINTENANT UNE SOUPAPE AVEC UNE REGULATION DE PRESSION AMELIOREE**
[72] CALL, DERICK, US
[72] HUBER, HOWARD E. JR., US
[72] GRAVES, BRIAN, US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-04-21
[86] 2014-10-24 (PCT/US2014/062217)
[87] (WO2016/064422)

[11] **2,965,640**
[13] C
[51] **Int.Cl. H05H 7/04 (2006.01) H05H 13/00 (2006.01)**
[25] EN
[54] **PERIPHERAL HILL SECTOR DESIGN FOR CYCLOTRON**
[54] **CONCEPTION DE SECTEUR DE MONT PERIPHERIQUE DESTINE A UN CYCLOTRON**
[72] KLEEVEN WILLEM, BE
[72] ABS, MICHEL, BE
[73] ION BEAM APPLICATIONS S.A., BE
[86] (2965640)
[87] (2965640)
[22] 2017-05-01
[30] EP (16169490.6) 2016-05-13

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[11] **2,965,642**
[13] C
[51] **Int.Cl. H05H 7/04 (2006.01) H05H 13/00 (2006.01)**
[25] EN
[54] **POLE INSERT FOR CYCLOTRON**
[54] **PIECE DE POTEAU DESTINEE A UN CYCLOTRON**
[72] ABS, MICHEL, BE
[72] ZAREMBA, SZYMON, BE
[73] ION BEAM APPLICATIONS S.A., BE
[86] (2965642)
[87] (2965642)
[22] 2017-05-01
[30] EP (16169489.8) 2016-05-13

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[54] **SYSTEM AND RELATED METHODS FOR FRACKING AND COMPLETING A WELL WHICH FLOWABLY INSTALLS SAND SCREENS FOR SAND CONTROL**
[54] **SYSTEME ET METHODES ASSOCIES DE FRACTURATION ET COMPLETION D'UN PUITS COMPORTANT DES FILTRES A SABLES DESTINES A CONTROLER LE SABLE**
[72] CAMPBELL, SEAN P., CA
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[73] SC ASSET CORPORATION, CA
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[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
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[73] DOWNHOLE TECHNOLOGY LLC, US
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[72] KRAMER, MICHAEL, US
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[54] **AMELIORATION DE LA REGULATION DE L'EAU DANS DES PROCEDES DE PRODUCTION D'ACIDE ACETIQUE**
[72] HALLINAN, NOEL C., US
[72] HEARN, JOHN D., US
[72] RAMAGE, DAVID L., US
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[54] **MOTEUR LINEAIRE ET DISPOSITIF ELECTRIQUE A MOTEUR LINEAIRE**
[72] SCHOBER, UWE, DE
[72] ZIEGLER, FRANK, DE
[72] SCHAEFER, ROBERT, DE
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[54] **FAUSSE CHANDELLE ET ENSEMBLE DE SIMULATION DE FLAMME ASSOCIE**
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[54] **PROCEDES ET SYSTEMES POUR EMPECHER LA CONTAMINATION DE VEHICULES D'URGENCE**
[72] TROTTA, FREDERICK J., US
[72] HORTON, KENNETH R., US
[72] GUERCIA, LEONARD, US
[72] HOLDSWORTH, ROBERT, US
[72] KELLEHER, MARTIN, US
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[54] **CARTE DE SOUHAITS A ACTIVATION DE DECLENCHEMENT PAR PRESSION**
[72] SPECK, KATALINA, US
[73] AMERICAN GREETINGS CORPORATION, US
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[54] **VEHICLE EVENT RECORDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT D'EVENEMENT DE VEHICULE**
[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] DENINGER, DANIEL A., US
[72] VAIDYA, ALEKH, US
[72] GRISWOLD, JEFFREY, US
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[54] **MOTEUR A COMBUSTION INTERNE**
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[72] TSUBOKAWA, MASAYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **TRAFFIC LIGHT DETECTION DEVICE AND TRAFFIC LIGHT DETECTION METHOD**
[54] **DISPOSITIF DE DETECTION DE FEU DE CIRCULATION ET PROCEDE DE DETECTION DE FEU DE CIRCULATION**
[72] OKI, TAKAHIKO, JP
[72] MATSUO, HARUO, JP
[72] YAMANOI, DAIKI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[73] NISSAN MOTOR CO., LTD., JP
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[54] **LAND PADDLE**
[54] **PAGAIE TERRESTRE**
[72] BRENNAN, JOEL LESLIE, CA
[73] BRENNAN INNOVATION INC., CA
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[54] **GATING DECISION SYSTEM AND METHODS FOR DETERMINING WHETHER TO ALLOW MATERIAL IMPLICATIONS TO RESULT FROM ONLINE ACTIVITIES**
[54] **SYSTEME DE DECISION DE DECLENCHEMENT ET PROCEDES PERMETTANT DE DETERMINER S'IL CONVIENT D'AUTORISER DES IMPLICATIONS MATERIELLES RESULTANT D'ACTIVITES EN LIGNE**
[72] GIDEONI, IFTAH, IL
[72] REICH, OFIR, IL
[72] MELLER, YANIV, IL
[73] FORTER LTD., IL
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[54] **APPLICATEUR DE LIQUIDE A ROULEAUX**
[72] BELL, JAMES, US
[72] BELL, SCOTT, US
[73] DAB-O-MATIC, CORP., US
[85] 2017-12-18
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[54] **MACHINES ELECTRIQUES ROTATIVES**
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[71] MARTIN, ROUL D., CA
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[25] EN
[54] **CHILD CAR SEAT GARMENT AND METHOD OF FABRICATING SAME**
[54] **VETEMENT DE SIEGE D'AUTO POUR ENFANT ET METHODE DE FABRICATION ASSOCIEE**
[72] BERGEVIN, JOSEE MARIE LOUISE, CA
[71] BERGEVIN, JOSEE MARIE LOUISE, CA
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[54] **LOW PRESSURE GAS RELEASE HYDROTHERMAL AND PEROXIDE TREATMENT OF ODH CATALYST**
[54] **TRAITEMENT DE CATALYSEUR OXYDANT DESHYDROGENANT AU PEROXYDE ET A LIBERATION DE GAZ BASSE PRESSION HYDROTHERMIQUE**
[72] SIMANZHENKOV, VASILY, CA
[72] GAO, XIAOLIANG, CA
[72] SULLIVAN, DAVID JEFFREY, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **CHARNIERE DE RAMPE**
[72] LAPCHEV, MARIA, AU
[71] BEND-TECH INVESTMENTS 1 PTY LTD, AU
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[54] **LA BOURSE DU MARCHE DE L'AGRICULTURE URBAINE**
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[54] **APPAREIL DE MOULAGE, ARTICLES DE MOULAGE ET METHODES DE MOULAGE**
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[71] DUBINION, W. SIDNEY, CA
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[54] **DISPOSITIF DE LEVAGE DE HAYON**
[72] MILLER, ANDREW F., CA
[71] MILLER, ANDREW F., CA
[71] CATAN RECREATION CORP., CA
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[54] **FOOTWEAR CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE DE CHAUSSURE**
[72] MALICHEN SNYDER, THOMAS J., CA
[71] MALICHEN SNYDER, THOMAS J., CA
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[54] **CATALYSEURS DE PHOPHINIMINE REGLABLES THERMIQUEMENT**
[72] MORRISON, DARRYL J., CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **A LOAD MONITORING SYSTEM, METHOD AND COMPONENTS THAT PROVIDES INDICATION WHEN LOAD ARE OUTSIDE OF DESIRED LEVELS**
[54] **UN SYSTEME DE SURVEILLANCE DE CHARGEMENT, METHODE ET COMPOSANTES QUI FOURNISSENT UNE INDICATION LORSQUE LE CHARGEMENT DEPASSE DES SEUILS ETABLIS**
[72] UNKNOWN, ZZ
[71] HESS, MARKUS J., CA
[71] HESS, KRISTOFFER A., CA
[71] SOUSA, JOHN C., CA
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[54] **COMPOSITIONS DE REVETEMENT EN POUDRE SERVANT A RECOUVRIR DES GRANULES PHARMACEUTIQUES**
[72] ZHU, JINGXU, CA
[72] MA, YINGLIANG, CA
[72] CHOW, KWOK YUI, CA
[72] YANG, QINGLIANG, CA
[72] ZHANG, YUNHAN, CA
[72] LAM, HERMAN C., CA
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[54] **ANGLED CLAMP ASSEMBLY FOR MOUNTING PANELS TO I-BEAMS**
[54] **DISPOSITIF DE PINCE ANGULAIRE SERVANT A INSTALLER DES PANNEAUX SUR DES POUTRES EN I**
[72] HAWS, JAMES D., CA
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[54] **A MANAGEMENT SYSTEM AND METHOD FOR REGULATING THE ON-DEMAND ELECTROLYTIC PRODUCTION OF HYDROGEN AND OXYGEN GAS FOR INJECTION INTO A COMBUSTION ENGINE**
[54] **UN SYSTEME DE GESTION ET UNE METHODE DE REGULATION DE LA PRODUCTION ELECTROLYTIQUE SUR DEMANDE D'HYDROGENE ET D'OXYGENE GAZEUX A INJECTER DANS UN MOTEUR A COMBUSTION**
[72] BRIDGE, DAVID, CA
[72] HOFFMAN, RUSTON JEROEN, CA
[71] DYNACERT INC., CA
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[54] **AERONEF STOL AMPHIBIE**
[72] MILLER, CLAIRE, CA
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[54] **VARIABLE RATIO TRANSMISSION**
[54] **TRANSMISSION A RAPPORT VARIABLE**
[72] MARK, TIBOR (TED), CA
[71] NEXT WAVE MARINE SYSTEMS INC., CA
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[54] **SYSTEM AND METHOD FOR MONITORING A TANK**
[54] **SYSTEME ET METHODE DE SURVEILLANCE D'UN RESERVOIR**
[72] RITCHIE, ROBERT, CA
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[72] CHALLEN, PAUL M., CA
[72] STAHL, HERBERT D., CA
[71] CHALLEN, PAUL M., CA
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[54] **METHOD AND APPARATUS FOR PHASED ANTENNA ARRAY CALIBRATION**
[54] **METHODE ET APPAREIL D'ETALONNAGE DE RESEAU D'ANTENNES EN PHASE**
[72] SAFAVI-NAEINI, SAFIEDDIN, CA
[72] HAGHTALAB, MOHAMMAD, CA
[71] C-COM SATELLITE SYSTEMS INC., CA
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[54] **SURVEILLANCE EN PROCHE INFRAROUGE DANS LES OPERATIONS DE TRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] YANG, XIAOLI, CA
[72] VAN DER MERWE, SHAWN, CA
[71] FORT HILLS ENERGY L.P., CA
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[54] **DECK BRACKET**
[54] **SUPPORT DE PLATEFORME**
[72] BERTATO, MAURIZIO, CA
[71] LIV BUILDING PRODUCTS INC., CA
[22] 2016-10-21
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[54] **PULSATING PIPE MOLD WITH SPIGOT CONNECTOR**
[54] **MOULE DE TUYAU A PULSATION DOTE D'UN CONNECTEUR DE ROBINET**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
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[54] **SOMMAIRE FONCTIONNEL D'UN SYSTEME D'ENTRAINEMENT MOTEUR BLDC COUPLE OPTIQUEMENT A BOUCLE FERMEE BRANDT**
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[41] 2018-04-21

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[51] **Int.Cl. F15B 21/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR BALANCING THE FLUID PRESSURE OF FLUID DISTRIBUTION SYSTEMS**
[54] **METHODE, APPAREIL ET SYSTEME D'EQUILIBRAGE DE LA PRESSION DE FLUIDE DES SYSTEMES DE DISTRIBUTION DE FLUIDE**
[72] FAICZAK, JOHN, CA
[71] FAICZAK, JOHN, CA
[22] 2016-10-21
[41] 2018-04-21

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[51] **Int.Cl. F16B 13/10 (2006.01) F16B 13/04 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY**
[54] **ENSEMBLE D'INSTALLATION**
[72] CHANG, DULUN, CN
[71] GLOBE UNION INDUSTRIAL CORP., TW
[22] 2016-10-21
[41] 2018-04-21

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[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) A63C 5/00 (2006.01) B62D 55/07 (2006.01) B62K 11/00 (2013.01)**
[25] EN
[54] **SNOW BIKE TRACK ASSEMBLY**
[54] **ENSEMBLE DE PISTE DE VELO A NEIGE**
[72] BALL, JARON L., US
[71] BALL, JARON L., US
[22] 2016-10-21
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[51] **Int.Cl. A63B 71/00 (2006.01) A41D 20/00 (2006.01) A44C 5/00 (2006.01) A45C 15/04 (2006.01) A45D 42/06 (2006.01) A45D 42/16 (2006.01) A45F 5/00 (2006.01) A47G 1/02 (2006.01) A63B 71/06 (2006.01) F16M 13/04 (2006.01) G02B 5/08 (2006.01)**
[25] EN
[54] **AWARENESS DEVICE FOR ATHLETES**
[54] **DISPOSITIF DE CONSCIENTISATION DESTINE AUX ATHLETES**
[72] MAHARAJ, DAMIEN, CA
[71] MAHARAJ, DAMIEN, CA
[22] 2016-10-19
[41] 2018-04-19

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[51] **Int.Cl. F01M 5/02 (2006.01) F02N 19/02 (2010.01) F02N 19/10 (2010.01)**
[25] EN
[54] **ELECTRONIC CONTROL FOR ENGINE BLOCK HEATER ELEMENTS**
[54] **CONTROLE ELECTRONIQUE D'ELEMENTS DE CHAUFFE BLOC-MOTEUR**
[72] AIELLO, JEFFREY GRAHAM, US
[71] BOSTIC MOTORS INC., US
[22] 2016-11-01
[41] 2018-04-19
[30] US (15/297,421) 2016-10-19

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[13] A1
[51] **Int.Cl. A62B 18/08 (2006.01) A61L 9/00 (2006.01) B01D 53/00 (2006.01)**
[25] EN
[54] **AIR PURIFIER APPARATUS WITH FLEXIBLE FILTER MODULES**
[54] **APPAREIL D'ASSAINISSEMENT DE L'AIR DOTE DE MODULES DE FILTRE FLEXIBLES**
[72] SCHULLER, CARMEN, US
[71] SCHULLER, CARMEN, US
[22] 2016-11-03
[41] 2018-04-18
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[54] **EQT TRAINER**
[54] **ENTRAINEUR EQT**
[72] OLAOLUWA, SEUN, CA
[71] OLAOLUWA, SEUN, CA
[22] 2016-11-17
[41] 2018-04-20
[30] US (62410396) 2016-10-20

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[51] **Int.Cl. H01L 31/18 (2006.01) H02S 40/30 (2014.01) H01L 31/02 (2006.01) H01L 31/0232 (2014.01)**
[25] EN
[54] **SEMI-FLEXIBLE SOLAR MODULE USING CRYSTALINE SOLAR CELLS AND METHOD FOR FABRICATION THEREOF**
[54] **MODULE SOLAIRE SEMI-FLEXIBLE EMPLOYANT DES PILES SOLAIRES CRISTALLINES ET METHODE DE FABRICATION ASSOCIEE**
[72] ZHENG, WENDA, CA
[72] CAO, HUIRONG, CA
[71] CANADIAN SOLAR SOLUTIONS INC., CA
[22] 2016-11-16
[41] 2018-04-19
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[51] **Int.Cl. B25J 9/00 (2006.01) A01G 23/08 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **WORK VEHICLE GYROSCOPIC BOOM CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE DE BRAS GYROSCOPIQUE DE VEHICULE DE TRAVAIL**
[72] MAHRENHOLZ, JOHN R., US
[72] RASZGA, CALIN, US
[72] ROBER, DARYL L., US
[71] DEERE & COMPANY, US
[22] 2016-11-18
[41] 2018-04-20
[30] US (15/299,129) 2016-10-20

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[51] **Int.Cl. E04B 1/343 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **COLLAPSIBLE MODULAR BUILDING**
[54] **BATIMENT MODULAIRE PLIABLE**
[72] COOMBES, TROY, CA
[72] HANN, SIMON A., CA
[72] HUSON, JAY A., CA
[72] TINIS, CHRISTOPHER J. R., CA
[71] COOMBES, TROY, CA
[22] 2017-01-05
[41] 2018-04-17
[30] US (15/295,194) 2016-10-17

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[13] A1
[51] **Int.Cl. C12Q 1/6825 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6876 (2018.01) C07H 21/00 (2006.01) C12M 1/34 (2006.01) G01N 27/327 (2006.01) G01N 27/416 (2006.01)**
[25] EN
[54] **ULTRA-SENSITIVE BIOANALYTE QUANTIFICATION FROM SELF-ASSEMBLED QUADRUPLEX TAGS**
[54] **QUANTIFICATION DE BIOANALYTE ULTRA-SENSIBLE A PARTIR D'ETIQUETTES QUADRUPLEXES AUTO-ASSEMBLEES**
[72] GORDON, NEIL, CA
[71] GORDON, NEIL, CA
[22] 2017-01-11
[41] 2018-04-16
[30] US (62/408,803) 2016-10-16

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[51] **Int.Cl. A63H 27/133 (2006.01) A63H 27/24 (2006.01) B64C 17/02 (2006.01) B64C 27/10 (2006.01)**
[25] EN
[54] **TOY HELICOPTER AND BALANCING DEVICE THEREFOR**
[54] **HELICOPTERE JOUET ET APPAREIL D'EQUILIBRAGE ASSOCIE**
[72] TODOKORO, SHINJI, JP
[71] AGATSUMA CO., LTD., JP
[22] 2017-02-21
[41] 2018-04-19
[30] JP (2016-205065) 2016-10-19

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[51] **Int.Cl. H04Q 3/47 (2006.01) H04W 8/18 (2009.01)**
[25] EN
[54] **TOLL-FREE TELECOMMUNICATIONS AND DATA MANAGEMENT PLATFORM**
[54] **PLATEFORME DE GESTION DE TELECOMMUNICATIONS ET DE DONNEES SANS FRAIS**
[72] SHARMA, SRIRAM, US
[72] CARTER, WILLIAM, US
[72] BHAT, MANISHA, US
[72] CARTER, PAMELA J., US
[72] CHAUHAN, SANJEEV, US
[72] KARNAS, RYAN, US
[72] KIMMEL, MICHAEL, US
[72] WONG, SUK YEE, US
[72] STIFFLER, ALAN, US
[72] LAKHANI, DEWANG, US
[71] SOMOS, INC., US
[22] 2017-03-03
[41] 2018-04-19
[30] US (62/410,176) 2016-10-19

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **CD133-BINDING AGENTS AND USES THEREOF**
[54] **AGENTS DE LIAISON CD133 ET UTILISATIONS ASSOCIEES**
[72] MOFFAT, JASON, CA
[72] ADAMS, JARRETT, CA
[72] PAN, GUOHUA, CA
[72] SIDHU, SACHDEV, CA
[72] WILLIAMS, RASHIDA, CA
[72] ZHANG, XIAOYU, CA
[72] SINGH, SHEILA, CA
[72] VENUGOPAL, CHITRA, CA
[72] VORA, PARVEZ, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] MCMASTER UNIVERSITY, CA
[22] 2017-03-16
[41] 2018-04-19
[30] US (62/410162) 2016-10-19

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **FLANGE FASTENING ASSEMBLY IN A GAS TURBINE ENGINE**
[54] **DISPOSITIF DE FIXATION DE BRIDE DESTINE A UNE TURBINE A GAZ**
[72] KAPPES, MATTHEW J., US
[72] ROMANOWSKI, ERIN M., US
[72] BURNEY, DENNES K., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-04-06
[41] 2018-04-20
[30] US (15/299,022) 2016-10-20

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[51] **Int.Cl. C12N 7/01 (2006.01) C12N 5/078 (2010.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/45 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MEASLES VIRUS ENCODING A TUMOR ANTIGEN**
[54] **VIRUS DE LA ROUGEOLE CODANT UN ANTIGENE DE TUMEUR**
[72] CZINK, ELENA, DE
[72] ENGELAND, CHRISTINE, DE
[72] UNGERECHTS, GUY, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
[22] 2017-04-13
[41] 2018-04-17
[30] JP (2016-203835) 2016-10-17

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[51] **Int.Cl. C22B 3/04 (2006.01) C22B 3/06 (2006.01) C22B 3/12 (2006.01) E21B 43/28 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **PROCESS FOR IN-SITU LEACHING OF HIGH-GRADE URANIUM DEPOSITS**
[54] **PROCEDE DE LESSIVAGE SUR PLACE DE DEPOTS D'URANIUM DE GRANDE QUALITE**
[72] EDWARDS, CHARLES RICHARD, CA
[72] SCHWARTZ, LORNE DAVID, CA
[71] AMEC FOSTER WHEELER AMERICAS LIMITED, CA
[22] 2017-05-18
[41] 2018-04-19
[30] US (62/410030) 2016-10-19

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[51] **Int.Cl. B66F 3/25 (2006.01) B66F 3/36 (2006.01) E04C 5/16 (2006.01) B28B 23/04 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT JACK**
[54] **VERIN LEGER**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2017-05-19
[41] 2018-04-18
[30] US (62/409,580) 2016-10-18
[30] US (15/596,261) 2017-05-16

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[51] **Int.Cl. B65G 65/40 (2006.01) B65D 88/28 (2006.01)**
[25] EN
[54] **BULK MATERIAL SHIPPING CONTAINER UNLOADER**
[54] **APPAREIL DE DECHARGEMENT DE CONTENANT D'EXPEDITION DE MATERIAU EN VRAC**
[72] ALLEGRETTI, C. JOHN, US
[72] CORRIGAN, KEVIN SYLVESTER, US
[72] GUERRERO, MARGARITO, US
[72] GUERRERO, FELIX, US
[71] ARROWS UP, LLC, US
[22] 2017-06-29
[41] 2018-04-19
[30] US (62/410,089) 2016-10-19
[30] US (15/635,850) 2017-06-28

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[13] A1
[51] **Int.Cl. F24C 15/14 (2006.01) A47J 37/12 (2006.01) A47J 47/00 (2006.01)**
[25] EN
[54] **GREASE CATCHER**
[54] **ATTRAPE-GRAISSE**
[72] NABITY, COLLIN, US
[71] FRYER GUARD, INC., US
[22] 2017-07-28
[41] 2018-04-18
[30] US (62/409,637) 2016-10-18
[30] US (15/662,379) 2017-07-28

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[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 5/22 (2006.01) F01D 11/12 (2006.01)**
[25] EN
[54] **TURBINE SHROUD SEGMENT**
[54] **SEGMENT DE CARENAGE DE TURBINE**
[72] SYNNOTT, REMY, CA
[72] DI PAOLA, FRANCO, CA
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-07
[41] 2018-04-19
[30] US (15/297,492) 2016-10-19

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[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **METHOD FOR QUICK NAVIGATION IN A USER INTERFACE, METHOD FOR MANUFACTURING A PRODUCT FROM THERMOPLASTIC, PLANT CONTROL FOR QUICK NAVIGATION IN A USER INTERFACE AND PLANT FOR MANUFACTURING A PRODUCT FROM THERMOPLASTIC**
[54] **METHODE DE NAVIGATION RAPIDE DANS UNE INTERFACE UTILISATEUR, METHODE DE FABRICATION D'UN PRODUIT A PARTIR DE MATIERE THERMOPLASTIQUE, CONTROLE D'INSTALLATION EN VUE DE LA NAVIGATION DANS UNE INTERFACE UTILISATEUR ET INSTALLATION SERVANT A FABRIQUER UN PRODUIT A PARTIR DE MATIERE THERMOPLASTIQUE**
[72] LANG, LANG, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2017-08-16
[41] 2018-04-18
[30] DE (10 2016 012 474.1) 2016-10-18

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[51] **Int.Cl. F02C 7/20 (2006.01) F16H 57/025 (2012.01) B64D 27/00 (2006.01) F01D 25/28 (2006.01) F16M 7/00 (2006.01)**
[25] EN
[54] **LINER FOR MOUNTING SOCKET OF MAGNESIUM HOUSING OF AIRCRAFT ENGINE**
[54] **REVETEMENT INTERIEUR DE DOUILLE D'INSTALLATION DE LOGEMENT EN MAGNESIUM D'UN MOTEUR D'AERONEF**
[72] WINTGENS, ERIC, CA
[72] SAMSON, PIERRE, CA
[72] B-MORENCY, CATHERINE, CA
[72] BOLDUC, MANON, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-31
[41] 2018-04-21
[30] US (15/299,917) 2016-10-21

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[51] **Int.Cl. A61B 17/062 (2006.01) A61B 17/06 (2006.01) A61B 17/29 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL END EFFECTORS**
[54] **EFFECTEURS D'EXTREMITE CHIRURGICAUX**
[72] DESAI, ARPAN, US
[72] DICESARE, PAUL C., US
[72] FERREIRA, DANIAL, US
[72] ZALEWSKI, BRANDON MICHAEL, US
[71] COVIDIEN LP, US
[22] 2017-09-05
[41] 2018-04-21
[30] US (62/410,879) 2016-10-21
[30] US (15/678,160) 2017-08-16

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[13] A1
[51] **Int.Cl. A61B 17/062 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL END EFFECTORS**
[54] **EFFECTEURS D'EXTREMITE CHIRURGICAUX**
[72] DESAI, ARPAN, US
[72] DICESARE, PAUL C., US
[72] FERREIRA, DANIAL, US
[72] ZALEWSKI, BRANDON MICHAEL, US
[71] COVIDIEN LP, US
[22] 2017-09-05
[41] 2018-04-21
[30] US (62/410,876) 2016-10-21
[30] US (15/678,149) 2017-08-16

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[51] **Int.Cl. A61B 17/062 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL END EFFECTORS**
[54] **EFFECTEURS D'EXTREMITE CHIRURGICAUX**
[72] DESAI, ARPAN, US
[72] DICESARE, PAUL C., US
[72] FERREIRA, DANIAL, US
[72] ZALEWSKI, MICHAEL BRANDON, US
[71] COVIDIEN LP, US
[22] 2017-09-05
[41] 2018-04-21
[30] US (62/410,878) 2016-10-21
[30] US (15/678,156) 2017-08-16

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[13] A1
[51] **Int.Cl. E21B 7/18 (2006.01) E21B 31/03 (2006.01) E21B 37/00 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **AUTOMATIC DOWNHOLE JETTING SYSTEM**
[54] **SYSTEME DE FORAGE AU JET AUTOMATIQUE**
[72] GRIFFITH, DAVE, CA
[71] GRIFFITH, DAVE, CA
[22] 2017-09-12
[41] 2018-04-18
[30] US (15/296,526) 2016-10-18

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[13] A1
[51] **Int.Cl. H03H 7/00 (2006.01) H02M 1/00 (2007.10) H02M 7/04 (2006.01) H02M 7/44 (2006.01)**
[25] EN
[54] **DAMPER AND AN ELECTRICAL ENERGY CONVERTING DEVICE USING THE SAME**
[54] **ATTENUATEUR ET DISPOSITIF DE CONVERSION D'ENERGIE ELECTRIQUE EMPLOYANT LEDIT ATTENUATEUR**
[72] HSU, FU-TZU, TW
[71] HSU, FU-TZU, TW
[71] TU, CHIEH-SEN, TW
[22] 2017-09-14
[41] 2018-04-19
[30] TW (105133647) 2016-10-19

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[13] A1
[51] **Int.Cl. A01D 57/03 (2006.01) A01D 41/12 (2006.01) A01D 57/00 (2006.01) A01D 57/06 (2006.01) A01D 61/00 (2006.01)**
[25] EN
[54] **FINGER ASSEMBLY FOR A FEED DRUM CONVEYOR OF AN AGRICULTURAL HARVESTING HEAD**
[54] **DISPOSITIF DE DOIGT DESTINE A UN TRANSPORTEUR A TAMBOUR D'ALIMENTATION D'UNE TETE DE RECOLTE AGRICOLE**
[72] MOSSMAN, MICHAEL W., US
[71] DEERE & COMPANY, US
[22] 2017-09-14
[41] 2018-04-18
[30] US (15/297,108) 2016-10-18

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[13] A1
[51] **Int.Cl. E04F 13/24 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **FLUSH OR LAP SIDING SYSTEM**
[54] **SYSTEME DE PAREMENT AFFLEURANT OU CHEVAUCHANT**
[72] ABOUKHALIL, CHARBEL TANNIOUS, US
[71] WALL PANEL SYSTEMS, INC., US
[22] 2017-09-22
[41] 2018-04-18
[30] US (15/296,970) 2016-10-18

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[13] A1
[51] **Int.Cl. B60W 10/04 (2006.01) B60W 10/119 (2012.01) B60W 10/02 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE**
[72] INATA, KAZUNARI, JP
[72] ICHIKAWA, AKIHIKO, JP
[72] MURAOKA, JUNICHI, JP
[72] OHKI, TAKAO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-09-25
[41] 2018-04-18
[30] JP (2016-204360) 2016-10-18

[21] **2,980,670**
[13] A1
[51] **Int.Cl. H05B 41/24 (2006.01) H01J 61/22 (2006.01)**
[25] EN
[54] **HIGH-PRESSURE SODIUM LAMP LIGHTING DEVICE**
[54] **APPAREIL D'ECLAIRAGE DE LAMPE AU SODIUM HAUTE PRESSION**
[72] KOMATA, KOUJI, JP
[72] TAKAHASHI, HIROKI, JP
[72] SHIMOMURA, TAKUYA, JP
[71] IWASAKI ELECTRIC CO., LTD., JP
[22] 2017-09-26
[41] 2018-04-20
[30] JP (2016-206336) 2016-10-20

[21] **2,981,024**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01) G06T 7/90 (2017.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RETAIL STORE PROMOTIONAL PRICE TAG DETECTION**
[54] **SYSTEME ET METHODE DE DETECTION D'ETIQUETTE DE PRIX PROMOTIONNELLE DE MAGASIN DE VENTE AU DETAIL**
[72] WU, WENCHENG, US
[72] VENABLE, DENNIS L., US
[72] RIZZOLO, CHARLES D., US
[72] WADE, THOMAS F., US
[72] HANN, DANIEL S., US
[72] SHEN, ETHAN, CA
[72] WILLIAMS, LEE ANNE, US
[71] CONDUENT BUSINESS SERVICES, LLC, US
[22] 2017-10-02
[41] 2018-04-17
[30] US (15/295498) 2016-10-17

[21] **2,981,030**
[13] A1
[51] **Int.Cl. F16L 31/00 (2006.01) F16L 33/22 (2006.01)**
[25] EN
[54] **IMPROVED CONNECTION DEVICE FOR PIPES IN GENERAL**
[54] **DISPOSITIF DE CONNEXION AMELIORE DESTINE A DES TUYAUX EN GENERAL**
[72] COLBACHINI, GIUSEPPE ALDINIO, IT
[71] IVG COLBACHINI S.P.A., IT
[22] 2017-10-03
[41] 2018-04-18
[30] IT (102016000104377) 2016-10-18

[21] **2,981,065**
[13] A1
[51] **Int.Cl. F21V 15/015 (2006.01) F21S 4/20 (2016.01) F21S 2/00 (2016.01)**
[25] EN
[54] **COUPLERS FOR LIGHT FIXTURES**
[54] **RACCORDS DESTINES A DES APPAREILS D'ECLAIRAGE**
[72] YAPHE, HOWARD, CA
[72] MILES, ANDREW, CA
[72] BELAND, STEPHANE, CA
[72] GAGNE, JEAN, CA
[71] AXIS LIGHTING INC., CA
[22] 2017-10-03
[41] 2018-04-20
[30] US (15/299,168) 2016-10-20

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[13] A1
[51] **Int.Cl. B23K 37/053 (2006.01) B23K 37/04 (2006.01)**
[25] EN
[54] **MACHINE FOR WELDING SADDLE CONNECTORS BY POLYWELDING IN PIPE LAYING**
[54] **MACHINE DE SOUDAGE DE CONNECTEURS CHEVAUCHANT PAR POLYSOUDAGE LORS DE LA POSE DE TUYAU**
[72] BORTOLI, RENZO, IT
[71] RITMO S.P.A., IT
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[54] **HIGH ANGULARITY BALL JOINT ASSEMBLY**
[54] **ASSEMBLAGE DE ROTULE A ANGULARITE PRONONCEE**
[72] HERNANDEZ, KRISTOPHER JOSEPH, US
[71] ICON VEHICLE DYNAMICS LLC, US
[22] 2017-10-04
[41] 2018-04-21
[30] US (62/411348) 2016-10-21

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[51] **Int.Cl. A47C 7/18 (2006.01) A47C 7/20 (2006.01) A61G 7/057 (2006.01)**
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[54] **SEAT CUSHION**
[54] **COUSSIN DE SIEGE**
[72] CHERNIN, ANATOLI, CA
[71] CHERNIN, ANATOLI, CA
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[41] 2018-04-17
[30] US (62/408,847) 2016-10-17

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[51] **Int.Cl. H01M 4/04 (2006.01) H01M 2/02 (2006.01) H01M 2/08 (2006.01) H01M 4/50 (2010.01)**
[25] EN
[54] **BIOMEDICAL DEVICE BATTERIES WITH ELECTRODEPOSITED CATHODES**
[54] **BATTERIES DE DISPOSITIF MEDICAL DOTEES DE CATHODES ELECTROPLAQUEES**
[72] BEYAD, YASER, AU
[72] DONNE, SCOTT, AU
[72] MUTHU, MILLBURN EBENEZER JACOB, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **STORE SHELF IMAGING SYSTEM AND METHOD**
[54] **SYSTEME D'IMAGERIE DE TABLETTE DE MAGASIN ET METHODE**
[72] VENABLE, DENNIS L., US
[72] WU, WENCHENG, US
[72] WADE, THOMAS F., US
[72] RIZZOLO, CHARLES D., US
[72] SHEN, ETHAN, CA
[71] CONDUENT BUSINESS SERVICES, LLC, US
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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61B 18/12 (2006.01)**
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[54] **CATHETER WITH ANGLED IRRIGATION HOLES**
[54] **CATHETER MUNI DE TROUS D'IRRIGATION ANGULAIRES**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[41] 2018-04-17
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[54] **STORE SHELF IMAGING SYSTEM AND METHOD**
[54] **SYSTEME D'IMAGERIE DE TABLETTE DE MAGASIN ET METHODE**
[72] RIZZOLO, CHARLES D., US
[72] PAUL, PETER, US
[72] SHEN, ETHAN, US
[72] WILLIAMS, LEE ANNE, US
[72] HANN, DANIEL S., US
[72] VENABLE, DENNIS L., US
[72] WU, WENCHENG, US
[72] WADE, THOMAS F., US
[71] CONDUENT BUSINESS SERVICES, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING AIR LOSSES IN REFRIGERATED CASES**
[54] **SYSTEMES ET METHODE DE REDUCTION DES FUITES D'AIR DANS LES BOITES REFRIGEREES**
[72] BATES, ROY, US
[72] EGET, LAWRENCE W., US
[71] HILL PHOENIX, INC., US
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[41] 2018-04-17
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[54] **SCREW TO BE USED IN AN EXTRUDER AND EXTRUDER**
[54] **VIS DESTINEE A UN EXTRUDEUR ET EXTRUDEUR**
[72] SZURGOT, MATEUSZ, DE
[72] MATHY, TORSTEN, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2017-10-05
[41] 2018-04-18
[30] DE (10 2016 012 478.4) 2016-10-18
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING STERILIZATION CHAMBERS**
[54] **METHODE ET APPAREIL DE CONTROLE DE CHAMBRES DE STERILISATION**
[72] VESELOVSKY, PETER, CA
[72] OMATSU, MICHAEL, CA
[72] JUQQA, AHMAD, CA
[72] HIJAZI, NADER, CA
[71] KONNEXIS INC., CA
[22] 2017-10-11
[41] 2018-04-19
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[25] EN
[54] **DYNAMIC DISINFECTANT DOSAGE WITH CONCENTRATE DEGRADATION COMPENSATION**
[54] **DOSAGE DE DESINFECTANT DYNAMIQUE A COMPENSATION DE DEGRADATION DE CONCENTRE**
[72] YANG, SUNGWOOK, US
[71] ETHICON, INC., US
[22] 2017-10-11
[41] 2018-04-21
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[51] **Int.Cl. A61F 2/86 (2013.01) A61F 2/82 (2013.01) A61F 2/90 (2013.01)**
[25] EN
[54] **EXPANSION RING DESIGN FOR BRAIDED STENT**
[54] **MODELE DE BAGUE DE DILATATION DESTINEE A UNE ENDOPROTHESE TISSEE**
[72] LORENZO, JUAN, US
[72] SLAZAS, ROBERT, US
[72] TEHRANI, RAMIN, US
[72] PEDROSO, PEDRO, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[25] EN
[54] **WELL TESTING WITH JET PUMP**
[54] **TEST DE PUITS AU MOYEN D'UNE POMPE A JET**
[72] KNOELLER, MICHAEL C., US
[72] MATHEWS, JASON W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-10-12
[41] 2018-04-20
[30] US (15/298,708) 2016-10-20

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[51] **Int.Cl. F02C 7/047 (2006.01) B64D 15/04 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **DEICING NOSE OF AN AXIAL TURBINE ENGINE COMPRESSOR**
[54] **BUSE DE DEGLACAGE D'UN COMPRESSEUR DE TURBINE AXIALE**
[72] DE VRIENDT, OLIVIER, BE
[72] SCHUSTER, LAURENT, BE
[71] SAFRAN AERO BOOSTERS SA, BE
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[25] EN
[54] **ELECTRIC VEHICLE CHARGING DEVICE AND METHOD FOR CHARGING ELECTRIC VEHICLE**
[54] **DISPOSITIF DE RECHARGE DE VEHICULE ELECTRIQUE ET METHODE DE RECHARGE DE VEHICULE ELECTRIQUE**
[72] PATIL, CHINMAYA BABURAO, US
[72] WANG, YIGANG, US
[72] THOMPSON, RONALD L., US
[72] TRUJILLO, JOSE ANTONIO, US
[71] EATON CORPORATION, US
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[51] **Int.Cl. F42D 1/08 (2006.01) F42D 1/04 (2006.01) F42D 1/10 (2006.01) F42D 3/04 (2006.01)**
[25] EN
[54] **VEHICLE FOR DEPOSITION OF EXPLOSIVES IN BLAST HOLES AND METHOD OF USE**
[54] **VEHICULE SERVANT A DEPOSER DES EXPLOSIFS DANS LES TROUS DE MINE ET METHODE D'UTILISATION**
[72] SANTOS, REGINALDO DE ANDRADE, BR
[72] BALBINO, EMERSON SENA, BR
[72] VIEIRA, ANDRE LUIZ DA COSTA, BR
[72] CARLOS, MARCELO RIBEIRO, BR
[72] VAN MELIS, LUCAS SALES, BR
[72] ASSIS, ADRIANO NOGUEIRA DE, BR
[71] VALE S.A., BR
[22] 2017-10-13
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[25] EN
[54] **HAND HELD ELECTRIC TAPE DISPENSER**
[54] **DISTRIBUTEUR DE RUBAN ELECTRIQUE TENU A LA MAIN**
[72] CHUAH, KHAI GAN, US
[71] CHUAH, KHAI GAN, US
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[51] **Int.Cl. E04F 10/06 (2006.01) E04H 15/58 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY FOR USE IN A RETRACTABLE AWNING**
[54] **DISPOSITIF DE JOINT DESTINE A UN AUVENT RETRACTABLE**
[72] TRAUB, DAVID KING, US
[71] RAINIER INDUSTRIES LTD., US
[22] 2017-10-13
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[54] **BIOMEDICAL ENERGIZATION ELEMENTS WITH POLYMER ELECTROLYTES**
[54] **ELEMENTS D'ENERGISATION BIOMEDICAUX DOTES D'ELECTROLYTES EN POLYMERE**
[72] MUTHU, MILLBURN EBENEZER, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[51] **Int.Cl. C04B 41/91 (2006.01)**
[25] EN
[54] **REMOVING COATINGS FROM CERAMIC MATRIX COMPOSITE SUBSTRATES**
[54] **ENLEVEMENT DE REVETEMENTS DE SUBSTRATS COMPOSITES A MATRICE CERAMIQUE**
[72] FAIRBOURN, DAVID C., US
[72] CHANG, SUNNY, US
[72] GRUBBS, JOHNNY D., US
[71] ROLLS-ROYCE CORPORATION, US
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[51] **Int.Cl. B29C 71/02 (2006.01)**
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[54] **BUILDING COMPONENTS AND METHODS FOR MAKING**
[54] **COMPOSANTES DE BATIMENT ET METHODES DE FABRICATION ASSOCIEES**
[72] SCHRODER, PAUL D., US
[71] PELLA CORPORATION, US
[22] 2017-10-13
[41] 2018-04-19
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[13] A1
[51] **Int.Cl. C09D 11/101 (2014.01) C09D 11/03 (2014.01) C09D 11/037 (2014.01)**
[25] EN
[54] **INK COMPOSITION COMPRISING PHASE CHANGE TRANSFER ADDITIVE FOR DIGITAL OFFSET PRINTING**
[54] **COMPOSITION D'ENCRE RENFERMANT UN ADDITIF DE TRANSFERT DE CHANGEMENT DE PHASE DESTINE A L'IMPRESSION OFFSET NUMERIQUE**
[72] BIRAU, MIHAELA MARIA, CA
[72] BRETON, MARCEL P., CA
[72] MAYO, JAMES D., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] CHOPRA, NAVEEN, CA
[72] GAGNON, YVAN, CA
[71] XEROX CORPORATION, US
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[51] **Int.Cl. G07D 3/06 (2006.01)**
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[54] **COIN SORTING HEAD AND COIN PROCESSING SYSTEM USING THE SAME**
[54] **TETE DE TRI DE PIECES DE MONNAIE ET SYSTEME DE TRAITEMENT DE PIECE DE MONNAIE EMPLOYANT LADITE TETE**
[72] RASMUSSEN, JAMES M., US
[71] CUMMINS-ALLISON CORP., US
[22] 2017-10-13
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[51] **Int.Cl. F16L 55/18 (2006.01) F16L 55/162 (2006.01)**
[25] EN
[54] **A DEVICE FOR CURING INNER LINING OF A PIPELINE**
[54] **UN DISPOSITIF SERVANT A DURCIR UN REVETEMENT INTERIEUR D'UN PIPELINE**
[72] KUZNIAR, SLAWOMIR, PL
[71] KANRES TECHNOLOGY SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA, PL
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[25] EN
[54] **WELL ARTIFICIAL LIFT OPERATIONS WITH SAND AND GAS TOLERANT PUMP**
[54] **OPERATIONS DE SOULEVEMENT ARTIFICIEL DE PUITS AU MOYEN D'UNE POMPE TOLERANT LE SABLE ET LE GAZ**
[72] LANE, WILLIAM C., US
[72] HEBERT, DOUGLAS, US
[72] STACHOWIAK, JOHN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[51] **Int.Cl. A47G 1/16 (2006.01) A47G 25/06 (2006.01) A47G 29/00 (2006.01) A47K 10/04 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **MOUNTING SYSTEM FOR ACCESSORY**
[54] **STSTEME D'INSTALLATION D'ACCESSOIRE**
[72] JONES, KYLE CLANCY, US
[71] MOEN INCORPORATED, US
[22] 2017-10-17
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[51] **Int.Cl. H01L 29/41 (2006.01) H01L 33/38 (2010.01) H01L 21/02 (2006.01) H01L 31/0224 (2006.01)**
[25] EN
[54] **POWER ELECTRONIC AND OPTOELECTRONIC DEVICES WITH INTERDIGITATED ELECTRODES**
[54] **DISPOSITIFS D'ALIMENTATION ELECTRONIQUES ET OPTOELECTRONIQUES A ELECTRODES EMBOITEES**
[72] LI, ZHANMING, CA
[72] FU, YUE, CA
[72] NG, WAI TUNG, CA
[72] LIU, YAN-FEI, CA
[71] LI, ZHANMING, CA
[71] FU, YUE, CA
[71] NG, WAI TUNG, CA
[71] LIU, YAN-FEI, CA
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[51] **Int.Cl. B64C 1/00 (2006.01) B64D 1/16 (2006.01) B64D 33/00 (2006.01) F15D 1/08 (2006.01)**
[25] EN
[54] **DRAIN MAST OF AN AIRCRAFT**
[54] **DRAIN PROFILE DESTINE A UN AERONEF**
[72] CASADO MONTERO, CARLOS, ES
[72] HERNANZ MANRIQUE, JOSE ANGEL, ES
[72] MOLINA PARGA, ALBERTO, ES
[71] AIRBUS OPERATIONS S.L., ES
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[25] EN
[54] **UNIVERSAL OPERATING DEVICE FOR A SCREEN, SUCH AS A WINDOW COVERING**
[54] **DISPOSITIF FONCTIONNEL UNIVERSEL DESTINE A UN GRILLAGE, COMME UN REVETEMENT DE FENETRE**
[72] DE VRIES, RUBEN HUBERT JAN, NL
[72] KLEIN TUENTE, BASTIAAN FRANCISCUS, NL
[72] DAVIDS, HARRY, NL
[72] HENDRICKS, WOUTER, NL
[72] TER HAAR, THOMAS JOHAN MARIA, NL
[71] COULISSE B.V., NL
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[25] EN
[54] **PLASMA CUTTER FOR POST TENSION PLANT**
[54] **COUTEAU AU PLASMA DESTINE A UNE INSTALLATION POST TENSION**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2017-10-16
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[51] **Int.Cl. H01B 17/00 (2006.01)**
[25] FR
[54] **INSULATOR FOR AERIAL ELECTRICAL WIRES AND PROTECTED LEAKAGE CURRENT DETECTOR**
[54] **ISOLATEUR POUR LIGNES ELECTRIQUES AERIENNES AVEC UN DETECTEUR DE COURANT DE FUITE PROTEGE**
[72] MESPLES, FABRICE, FR
[72] COULLOUDON, FRANCOIS, FR
[71] SEDIVER SA, FR
[22] 2017-10-16
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[51] **Int.Cl. E06B 9/262 (2006.01)**
[25] EN
[54] **DUAL MODE ARCHITECTURAL STRUCTURE COVERING**
[54] **REVETEMENT DE STRUCTURE ARCHITECTURALE A DOUBLE MODE**
[72] FOLEY, PATRICK E., US
[72] SCHWANDT, MARK, US
[72] MISCHO, PAUL, US
[71] HUNTER DOUGLAS INC., US
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[51] **Int.Cl. A47L 7/00 (2006.01) A47L 5/36 (2006.01) A47L 9/00 (2006.01)**
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[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] GREGORICH, BRENT, US
[72] CAUSEY, BRANDON, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-10-17
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[51] **Int.Cl. C09D 7/43 (2018.01) C09D 7/65 (2018.01) C09D 133/00 (2006.01)**
[25] EN
[54] **DEEP BASE PAINT FORMULATION**
[54] **FORMULE DE PEINTURE A BASE EPAISSE**
[72] CONLEY, TARA, US
[72] LANGILLE, MARK, US
[72] MAHER, JAMES P., US
[72] RABASCO, JOHN J., US
[71] ROHM AND HAAS COMPANY, US
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[51] **Int.Cl. G01N 31/22 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE DETECTION OF A CHEMICAL SPECIES IN SOLUTION**
[54] **METHODE ET SYSTEME DE DETECTION D'UNE ESPECE CHIMIQUE DANS UNE SOLUTION**
[72] CARON, SERGE, CA
[72] DUBUS, SEBASTIEN, CA
[72] RIVIERE, CHRISTOPHE, CA
[72] TURBIDE, SIMON, CA
[72] PARADIS, PATRICK, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[51] **Int.Cl. E05F 15/632 (2015.01)**
[25] EN
[54] **POWERED SLIDING DOOR OPERATOR**
[54] **OPERATEUR DE PORTE COULISSANTE ELECTRIQUE**
[72] BERNHAGEN, TODD, US
[72] SCHRODER, PAUL D., US
[72] VANDE HAAR, EVAN, US
[71] PELLA CORPORATION, US
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[51] **Int.Cl. F24F 11/62 (2018.01) F24F 11/65 (2018.01) F24D 19/10 (2006.01) G05B 23/02 (2006.01) G05D 23/19 (2006.01)**
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[54] **SENSOR FEATURES FOR CLIMATE CONTROL SYSTEM**
[54] **CARACTERISTIQUES DE DETECTEUR DESTINE A UN SYSTEME DE CLIMATISATION**
[72] ABRISHAMKAR, FARHAD, US
[72] VISHINSKY, ANNA, US
[72] BENNETT, ALAN E., US
[71] LENNOX INDUSTRIES INC., US
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[25] EN
[54] **COMMUNICATIONS BETWEEN THERMOSTAT AND ROOFTOP UNIT OF CLIMATE CONTROL SYSTEM**
[54] **COMMUNICATIONS ENTRE UN THERMOSTAT ET UN MODULE DE DESSUS DE TOIT D'UN SYSTEME DE CLIMATISATION**
[72] ABRISHAMKAR, FARHAD, US
[72] VISHINSKY, ANNA, US
[72] BENNETT, ALAN E., US
[71] LENNOX INDUSTRIES INC., US
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[41] 2018-04-17
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[25] EN
[54] **OPERATING A CLIMATE CONTROL SYSTEM BASED ON OCCUPANCY STATUS**
[54] **FONCTIONNEMENT D'UN SYSTEME DE CLIMATISATION FONDE SUR L'ETAT D'OCCUPATION**
[72] ABRISHAMKAR, FARHAD, US
[72] VISHINSKY, ANNA, US
[72] BENNETT, ALAN E., US
[71] LENNOX INDUSTRIES INC., US
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[25] EN
[54] **BULK SOLIDS HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A SOLIDES EN VRAC**
[72] BYMAN, ASHLEY D., CA
[71] SOLEX THERMAL SCIENCE INC., CA
[22] 2017-10-16
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[30] US (15/299/909) 2016-10-21

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[25] EN
[54] **POLYAMIDE MOULDING COMPOSITION AND MULTI-LAYERED STRUCTURE MADE HEREFROM**
[54] **COMPOSITION DE MOULAGE POLYAMIDE ET STRUCTURE MULTICOUCHE FAITE DE LADITE COMPOSITION**
[72] FUJII, TAKAMASA, JP
[72] SASAKI, NAOYUKI, JP
[71] EMS-PATENT AG, CH
[22] 2017-10-17
[41] 2018-04-21
[30] EP (16 195 092.2) 2016-10-21

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING LIPIDS AND OTHER BIOMATERIALS FROM GRAIN ETHANOL STILLAGE AND STILLAGE DERIVATIVES**
[54] **COMPOSITIONS ET METHODES DE PRODUCTION DE LIPIDES ET AUTRES BIOMATERIAUX A PARTIR DE RESIDU D'ETHANOL DE GRAIN ET DERIVES DE RESIDU**
[72] JEFFRIES, THOMAS W., US
[72] MOKRY, DAVID Z., US
[72] CALVEY, CHRISTOPHER H., US
[71] XYLOME CORPORATION, US
[22] 2017-10-17
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[25] EN
[54] **INDUCTION HEATER AND VAPORIZER**
[54] **APPAREIL DE CHAUFFAGE ET VAPORISATION PAR INDUCTION**
[72] FOLK, ROBERT, CA
[72] LACHANCE, ADRIAN, CA
[71] ELECTRIC HORSEPOWER INC., CA
[22] 2017-10-17
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[25] EN
[54] **DENSIFIED FOAM CORE (DFC) BOARD FOR USE AS A BACKING SURFACE**
[54] **PANNEAU DE MOUSSE DENSIFIEE DESTINE A UNE UTILISATION COMME SURFACE DE SUPPORT**
[72] COUREY, STEPHEN, CA
[72] LUBINSKY, JEFF, US
[71] COUREY, STEPHEN, CA
[71] LUBINSKY, JEFF, US
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING QUALITY OF A MEDIA STREAM**
[54] **SYSTEME ET METHODE DE DETERMINATION DE LA QUALITE D'UN FLUX MEDIA**
[72] SPILKA, KEIR NIKOLAI, CA
[72] MAY, DARRELL REGINALD, CA
[71] SANDVINE INCORPORATED ULC, CA
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[25] EN
[54] **POWER RETURN FOR SEAT ADJUSTER WITH EASY-ENTRY**
[54] **RETOUR AUTOMATIQUE DESTINE A UN MECANISME DE REGLAGE DE SIEGE A ENTREE FACILE**
[72] RUNDE, DAVID M., US
[71] MAGNA SEATING INC., CA
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[25] EN
[54] **BALANCED ROTARY ENGINE**
[54] **MOTEUR ROTATIF EQUILIBRE**
[72] ARSENEAU, MICHEL, CA
[71] CIPO, CA
[71] ARSENEAU, MICHEL, CA
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[25] EN
[54] **MULTI-PORT CONVERTER STRUCTURE FOR DC/DC POWER CONVERSION**
[54] **STRUCTURE DE CONVERTISSEUR MULTIPORT DESTINE A LA CONVERSION D'ALIMENTATION CC/CC**
[72] LEHN, PETER WALDEMAR, CA
[72] RANJRAM, MIKE KAVIAN, CA
[72] IUNNISSI, SEBASTIAN RIVERA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **SELF-LOCKING WIRE DEVICE AND METHOD OF USING THE SAME**
[54] **DISPOSITIF DE CABLE AUTOBLOQUANT ET METHODE D'UTILISATION ASSOCIEE**
[72] MAJOR, JONATHAN, CA
[71] MAJOR, JONATHAN, CA
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[54] **CHIMERIC ANTIGEN RECEPTOR SPECIFIC FOR TUMOR CELLS**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE SPECIFIQUE AUX CELLULES DE TUMEUR**
[72] BOSIO, ANDREAS, DE
[72] ECKARDT, DOMINIK, DE
[72] HARDT, OLAF, DE
[72] DZIONEK, ANDRZEJ, DE
[72] TOMIUK, STEFAN, DE
[72] KOLLET, JUTTA, DE
[71] MILTENYI BIOTEC GMBH, DE
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[54] **POSITION SENSOR**
[54] **CAPTEUR DE POSITION**
[72] CHASSOULIER, DAMIEN, FR
[72] BLANC, ALAIN, FR
[72] CARRON DE LA MORINAIS, GUY, FR
[71] THALES, FR
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[25] EN
[54] **MOTOR ASSEMBLIES FOR ARCHITECTURAL COVERINGS**
[54] **ASSEMBLAGES DE MOTEUR DESTINES A UN REVETEMENT ARCHITECTURAL**
[72] ANTHONY, JAMES M., US
[72] DANN, KEVIN M., US
[72] HUBER, DANIEL A., US
[72] BRAYFORD, PAUL A., US
[72] LORENZ, DOUGLAS J., US
[72] KOLOZS, JAMES, US
[72] HOLT, RONALD, US
[72] NELSON, TODD, US
[72] YENZER, SHELBY JARED, US
[72] COOPER, CHARLES CULVER GIDDEN, US
[72] ZAGONE, PETER, US
[72] WISECUP, STEPHEN T., US
[72] PRUEGNER, JAN, DE
[72] WITT, ROBERT, DE
[72] SCHIERZ, JOERG, DE
[71] HUNTER DOUGLAS INC., US
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[25] EN
[54] **METHOD AND DEVICE FOR INVERSE TONE MAPPING**
[54] **METHODE ET APPAREIL DE MAPPAGE DE TONALITE INVERSE**
[72] GUERMOUD, HASSANE, FR
[72] THEBAULT, CEDRIC, FR
[72] KERVEC, JONATHAN, FR
[71] THOMSON LICENSING, FR
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[51] **Int.Cl. E21B 33/038 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTO-ALIGNMENT AND TENSIONING OF FLEXIBLE PIPES IN A STATIONARY PRODUCTION UNIT, AND METHOD FOR INSTALLING FLEXIBLE PIPES THEREBY**
[54] **SYSTEME D'AUTO-ALIGNEMENT ET DE MISE SOUS TENSION DE TUYAUX FLEXIBLES DANS UN MODULE DE PRODUCTION STATIONNAIRE ET METHODE D'INSTALLATION DE TUYAUX FLEXIBLES ASSOCIEE**
[72] CAPLLONCH, RICARDO WAGNER, BR
[72] DE LEMOS, CARLOS ALBERTO DUARTE, BR
[72] CUSTODIO, ANDERSON BARATA, BR
[72] VARDARO, EDUARDO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
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[25] EN
[54] **ELECTRIC MINING VEHICLE, CHARGE CONTROLLER, AND RELATED PROCESS**
[54] **VEHICULE ELECTRIQUE D'EXPLOITATION MINIERE, CONTROLEUR DE CHARGE ET PROCEDE ASSOCIE**
[72] CHOLEWA, PAWEL, CA
[72] RENNIE, ROBERT, CA
[71] MEDATECH ENGINEERING SERVICES LTD., CA
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
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[54] **ROW PLANTER LOCK ASSEMBLY**
[54] **MECANISME DE VERROU DE SEMOIR**
[72] SIVINSKI, JEFFREY ALAN, US
[71] HARVEST INTERNATIONAL, INC., US
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[51] **Int.Cl. E05F 15/668 (2015.01) E05F 15/70 (2015.01) G05B 19/042 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIAGNOSTICS TO SUPPORT OPERATION OF A GARAGE DOOR OPENER USING ASYNCHRONOUS REPORTING OF LOGGED DATA**
[54] **SYSTEMES ET METHODES DE DIAGNOSTICS DE SOUTIEN DE FONCTIONNEMENT D'OUVRE-PORTE DE GARAGE AU MOYEN DE RAPPORT ASYNCHRONE DE DONNEES CONSIGNEES**
[72] PREUS, MICHAEL, US
[72] MCNABB, WILLIAM, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[51] **Int.Cl. E05F 15/70 (2015.01) E05F 15/78 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING GARAGE DOOR OPENER OPERATIONS**
[54] **SYSTEMES ET METHODES DE CONTROLE DES OPERATIONS D'UN OUVRE-PORTE DE GARAGE**
[72] PREUS, MICHAEL, US
[72] MCNABB, WILLIAM, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[54] **TRIMMER LINE WITH CENTERING FEATURE**
[54] **FIL D'APPAREIL DE COUPE A FONCTION DE CENTRAGE**
[72] NOLIN, ERIC, US
[72] MORRISON, ROBERT L., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[51] **Int.Cl. G05G 1/38 (2009.01) G05G 1/30 (2009.01) B60K 26/02 (2006.01)**
[25] EN
[54] **THROTTLE FILTER SYSTEM AND METHOD**
[54] **SYSTEME DE FILTRE DE REGULATEUR ET METHODE**
[72] RYAN, JOSHUA J., US
[72] MCGRAW, PATRICK, US
[72] ELOFF, JOHANN, US
[72] BALASUNDRUM, MURALI X., US
[72] CHAPMAN, TODD, US
[71] SPARTAN MOTORS, INC., US
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[51] **Int.Cl. H04W 76/18 (2018.01) H04W 12/04 (2009.01) H04W 12/08 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATICALLY CONNECTING TO A NETWORK**
[54] **METHODES ET SYSTEMES DE CONNEXION AUTOMATIQUE A UN RESEAU**
[72] KOTAY, SREEKANT, US
[72] ROBINSON, JOHN, US
[72] GLADISH, JACOB, US
[72] SEAMON, ROBERT, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **FLUSH FACE WALL TILE**
[54] **CARREAU MURAL A FACE AFFLEURANTE**
[72] SMITH, BRADLEY J., US
[72] SHULTHEIS, JOSEPH B., US
[71] LUDOWICI ROOF TILE, INC., US
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[25] EN
[54] **ELONGATE TENSIONING UNIT**
[54] **MODULE TENDEUR ALLONGE**
[72] BRAND, WERNER, DE
[72] KAHL, THOMAS, DE
[72] KASPER, MARCEL, DE
[71] DYWIDAG-SYSTEMS INTERNATIONAL GMBH, DE
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[54] **IMPROVED SLIP CLIP CONNECTION**
[54] **CONNEXION GLISSEE PINCEE AMELIOREE**
[72] DAUDET, LARRY RANDALL, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR CAPTURING AND PROCESSING IMAGE AND TEXT INFORMATION**
[54] **SYSTEME ET METHODE DE CAPTURE ET TRAITEMENT D'INFORMATION D'IMAGE ET DE TEXTE**
[72] GHADIMI, ARYA, CA
[71] GHADIMI, ARYA, CA
[22] 2017-10-20
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[54] **PIPE COUPLING**
[54] **RACCORD DE TUYAU**
[72] BURGESS, RICHARD, GB
[72] CLARK, PAUL, GB
[71] CRANE LIMITED, GB
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[54] **SIGNAL-PRESERVING POWER BOOSTER AND RELATED METHOD**
[54] **AMPLI DE PUISSANCE PRESERVANT LE SIGNAL ET METHODE ASSOCIEE**
[72] SELLAM, DAVID, CA
[71] MEDIA GRAPH DEPOT INC., CA
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[54] **PREFABRICATED OFFSET SHINGLE**
[54] **BARDEAU DECALE PREFABRIQUE**
[72] GRUBKA, LAWRENCE JEROME, US
[72] WISE, CHRISTINA MARIE, US
[72] SMITH, WILLIAM EDWIN, US
[72] ELLIOT, BERT W., US
[72] BURGER, MARK, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[25] FR
[54] **DYNAMIC FORCE GENERATOR WITH BALLAST AND AN ACTUATOR INCLUDING SUCH A GENERATOR**
[54] **GENERATEUR D'EFFORTS DYNAMIQUES A BALOURD ET UN ACTIONNEUR COMPRENANT UN TEL GENERATEUR**
[72] SIX, MARC FRANCOIS, FR
[72] TAVIN, GERARD, FR
[71] HUTCHINSON, FR
[22] 2017-10-20
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[30] FR (16 60 221) 2016-10-21

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[51] **Int.Cl. B25G 3/18 (2006.01) A01B 1/22 (2006.01) A01B 15/12 (2006.01) B25G 3/12 (2006.01)**
[25] EN
[54] **DETACHABLE HANDLE FASTENING COUPLING FOR WORKING IMPLEMENTS**
[54] **RACCORD DE FIXATION DE POIGNEE DETACHABLE DESTINE A DES ACCESSOIRES DE TRAVAIL**
[72] HELD, PETER, DE
[71] MTD PRODUCTS INC, US
[22] 2017-10-23
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[25] EN
[54] **DEHUMIDIFIER WITH SECONDARY EVAPORATOR AND CONDENSER COILS**
[54] **DESHUMIDIFICATEUR DOTE D'UN EVAPORATEUR SECONDAIRE ET DE SERPENTINS DE CONDENSATEUR**
[72] TUCKER, DWAINE WALTER, US
[72] DEMONTE, TODD R., US
[72] SLOAN, SCOTT E., US
[72] YU, WEIZHONG, US
[71] THERMA-STOR LLC, US
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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[54] **A CONNECTING TERMINAL FREE OF DARK SPOTS FOR A LIGHT STRIP AND A LIGHT USING THE SAME**
[54] **UN TERMINAL DE CONNEXION EXEMPT DE ZONES SOMBRES DESTINE A UNE BANDE D'ECLAIRAGE ET UNE LUMIERE EMPLOYANT LEDIT TERMINAL**
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[71] GUANGDONG OML TECHNOLOGY CO., LTD., CN
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[54] **WIRELESS TRANSMISSION METHOD AND DEVICE FOR VIRTUAL REALITY, TERMINAL AND HEAD-MOUNTED DISPLAY DEVICE**
[54] **METHODE DE TRANSMISSION SANS FIL ET DISPOSITIF DE REALITE VIRTUELLE, TERMINAL ET DISPOSITIF D'AFFICHAGE INSTALLE SUR LA TETE**
[72] CHEN, YUKUN, CN
[72] HUANG, CHAIMING, CN
[72] TIAN, WEI, CN
[72] YU, CHENGLONG, CN
[72] XU, HUAN, CN
[72] BAO, JIULONG, CN
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[54] **COMPOUND ANGLE BEARING ASSEMBLY**
[54] **ASSEMBLAGE PORTEUR ANGULAIRE COMPOSE**
[72] RITCHIE, SHELDON, US
[72] FEDDEMA, CHAD, US
[71] TURBO DRILL INDUSTRIES, INC., US
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[54] **BIOCOAL FUEL PRODUCT AND PROCESSES AND SYSTEMS FOR THE PRODUCTION THEREOF**
[54] **PRODUIT COMBUSTIBLE DE BIOCHARBON, PROCEDES ET SYSTEMES POUR LE PRODUIRE**
[72] MARSH, PHIL, CA
[71] BRITISH COLUMBIA BIOCARBON LTD., CA
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[54] **PHOTODETECTOR**
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[72] FUKUDA, HIROSHI, JP
[72] KAMEI, SHIN, JP
[72] TSUZUKI, KEN, JP
[72] JIZODO, MAKOTO, JP
[72] KIKUCHI, KIYOFUMI, JP
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[54] **METHODS AND COMPOSITIONS RELATING TO THE DIAGNOSIS AND TREATMENT OF CANCER**
[54] **PROCEDES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER**
[72] GUJRAL, TARAN, US
[72] KIRSCHNER, MARC W., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[25] EN
[54] **COMPOSITIONS AND AGENTS AGAINST HEPATITIS B VIRUS AND USES THEREOF**
[54] **COMPOSITIONS ET AGENTS CONTRE LE VIRUS DE L'HEPATITE B ET UTILISATIONS DE CEUX-CI**
[72] LIMPHONG, PATTRARANEE, US
[72] TACHIKAWA, KIYOSHI, US
[72] ESAU, CHRISTINE, US
[72] CHIVUKULA, PADMANABH, US
[71] ARCTURUS THERAPEUTICS, INC., US
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[54] **METHODS AND FORMULATIONS FOR REDUCING AMMONIA EMISSIONS FROM BOVINES**
[54] **PROCEDES ET FORMULATIONS POUR REDUIRE LES EMISSIONS D'AMMONIAC DE BOVINS**
[72] HERR, CORY T., US
[72] KUBE, JOHN CHARLES, US
[72] TEETER, JEROLD SCOTT, US
[71] ELANCO US INC., US
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[54] **PANNEAU ACOUSTIQUE**
[72] MOSIADZ, MACIEJ GRZEGORZ, PL
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **DEVICE FOR PRODUCING PLASTIC PIPES**
[54] **APPAREIL DE PRODUCTION DE TUYAUX DE PLASTIQUE**
[72] HOFMANN, GUNTHER, DE
[72] NEUBAUER, GERHARD, DE
[71] UNICOR GMBH, DE
[85] 2018-03-15
[86] 2016-09-19 (PCT/EP2016/072206)
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[54] **ASYMMETRICAL ICE HOCKEY STICK HANDLE**
[54] **POIGNEE DE CROSSE DE HOCKEY SUR GLACE DU TYPE ASYMETRIQUE**
[72] LACEY, SAM, US
[72] TUCKER, RICHARD B. C., JR., US
[71] WM. T. BURNETT IP, LLC, US
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[54] **VIRAL CONJUNCTIVITIS TREATMENT USING RANPIRNASE AND/OR AMPHINASE**
[54] **TRAITEMENT DE LA CONJONCTIVITE VIRALE A L'AIDE DE LA RANPIRNASE ET/OU DE L'AMPHINASE**
[72] STREM, BRIAN, US
[71] OKOGEN, INC., US
[85] 2018-03-21
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[54] **NOVEL PCR PRIMERS AND METHODS THEREOF FOR THE IDENTIFICATION OF BACILLUS COAGULANS**
[54] **NOUVELLES AMORCES DE PCR ET PROCEDES ASSOCIES POUR L'IDENTIFICATION DE BACILLUS COAGULANS**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] ARUMUGAM, SIVAKUMAR, IN
[72] ALI, FURQAN, IN
[71] SAMI LABS LIMITED, IN
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[54] **METHOD OF FABRICATING A PLURALITY OF SINGLE CRYSTAL CVD SYNTHETIC DIAMONDS**
[54] **PROCEDE DE FABRICATION D'UNE PLURALITE DE DIAMANTS SYNTHETIQUES MONOCRISTALLINS OBTENUS PAR DEPOT CHIMIQUE EN PHASE VAPEUR**
[72] WORT, CHRISTOPHER JOHN HOWARD, GB
[72] TWITCHEN, DANIEL JAMES, GB
[72] COLLINS, JOHN LLOYD, GB
[71] ELEMENT SIX TECHNOLOGIES LIMITED, GB
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[54] **FRAME PROFILE FOR A FRAME RACK OF A SWITCH CABINET, AND A CORRESPONDING FRAME RACK**
[54] **PROFILE DE CADRE POUR BATI D'UNE ARMOIRE DE DISTRIBUTION ET BATI CORRESPONDANT**
[72] REUTER, WOLFGANG, DE
[72] BRUCK, DANIEL, DE
[72] SCHINDLER, TIMO, DE
[72] PAUL, HARTMUT, DE
[72] HOLIGHAUS, HEIKO, DE
[71] RITTAL GMBH & CO. KG, DE
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[54] **A SYSTEM AND A METHOD FOR MODIFYING A SURFACE OF A SUBSTRATE**
[54] **SYSTEME ET PROCEDE DE MODIFICATION D'UNE SURFACE D'UN SUBSTRAT**
[72] MOLLER, PER, DK
[72] ANDERSEN, ASGER, DK
[72] EISENHARDT, SARA, DK
[72] HANSEN, KASPER BONDO, DK
[72] HANSEN, MARTIN KALMAR, DK
[72] ROEFZAAD, MELANIE, DK
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[25] EN
[54] **MILKING INSTALLATION, MILKING EQUIPMENT AND TEAT CUP LINER, AND ASSOCIATED OPERATING METHOD**
[54] **INSTALLATION DE TRAITE, APPAREIL DE TRAITE ET MANCHON TRAYEUR AINSI QUE PROCEDE DE FONCTIONNEMENT ASSOCIE**
[72] FISCHER, FRIEDRICH, DE
[71] FISCHER, FRIEDRICH, DE
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[25] EN
[54] **ELECTROCHEMICAL DEVICES, WITH CURRENT COLLECTOR HAVING AN INCREASED RESISTANCE TO CORROSION**
[54] **DISPOSITIFS ELECTROCHIMIQUES A COLLECTEUR DE COURANT AYANT UNE RESISTANCE ACCRUE A LA CORROSION**
[72] MARTIN, CEDRIC, FR
[72] BRISSE, ANNE-LISE, FR
[72] BROUSSE, THIERRY, FR
[71] UNIVERSITE DE NANTES, FR
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[54] **DOSING REGIMEN OF COMBINATION OF ANTI-CD20 AND ANTI-BLYS ANTIBODIES**
[54] **SCHEMA POSOLOGIQUE DE COMBINAISON D'ANTICORPS ANTI-CD20 ET D'ANTICORPS ANTI-BLYS**
[72] HENDERSON, ROBERT B., GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY MANAGEMENT LIMITED, GB
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[54] **APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION**
[54] **APPAREIL ET PROCEDE DE COMPENSATION DE MOUVEMENT DE VIDEO**
[72] IKONIN, SERGEY YURIEVICH, CN
[72] SYCHEV, MAXIM BORISOVITCH, CN
[72] STEPIN, VICTOR ALEXEEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CANNABINOID GLYCOSIDE PRODRUGS AND METHODS OF SYNTHESIS**
[54] **PROMEDICAMENTS A BASE DE GLYCOSIDES CANNABINOIDES ET METHODES DE SYNTHESE**
[72] ZIPP, BRANDON J., US
[72] HARDMAN, JANEE' M., US
[72] BROOKE, ROBERT T., US
[71] VITALITY BIOPHARMA, INC., US
[85] 2018-03-22
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[54] **SYSTEME A JETS DE PLAGE DE PISCINE ET PROCEDES ASSOCIES**
[72] MARSHALL, BRIAN D., US
[72] SMITH, JACOB CODY, US
[71] HAYWARD INDUSTRIES, INC., US
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[54] **COMPOSITIONS AND METHODS FOR PRODUCING DENDRITIC CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR PRODUIRE DES CELLULES DENDRITIQUES**
[72] LYDAY, BRUCE W., US
[72] CHEN, TONY, US
[71] PRIMEVAX IMMUNO-ONCOLOGY, INC., US
[85] 2018-03-23
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[25] EN
[54] **QUANTIFYING MET PROTEIN FOR CANCER TREATMENT**
[54] **QUANTIFICATION DE LA PROTEINE MET POUR LE TRAITEMENT DU CANCER**
[72] CATENACCI, DANIEL, US
[72] HEMBROUGH, TODD, US
[72] CECCHI, FABIOLA, US
[72] LIAO, WEI-LI, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2018-03-23
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[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING POLYMERIC DICARBOXYLIC ACID ESTERS AND 1,2-CYCLOHEXANE DICARBOXYLIC ACID ESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES ESTERS D'ACIDE 1,2-CYCLOHEXANEDICARBOXYLIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
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[25] EN
[54] **SELF-CLEANING TOILET ASSEMBLY AND SYSTEM**
[54] **ENSEMBLE ET SYSTEME DE TOILETTES AUTONETTOYANTES**
[72] BUCHER, CHRISTOPHE, US
[72] GROVER, DAVID, US
[72] BARNDT, RONALD, US
[72] SEGGIO, FRANK, US
[72] MCHALE, JAMES, US
[72] CICENAS, CHRIS, US
[72] O'KELLY, MATTHEW, US
[72] ROTE, SCOTT J., US
[72] HARDER, CAMERON, US
[72] HELMSTETTER, CHRISTOPHER, US
[72] WICKER, NATHAN J., US
[72] MORRIS, MATTHEW C., US
[71] AS IP HOLDCO, LLC, US
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[54] **WIRELESS HARVESTING HEADER CONNECTION**
[54] **CONNEXION SANS FIL DE TETE DE RECOLTE**
[72] MOYER, TERRY S., US
[72] REED, DANIEL, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[85] 2018-03-26
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[25] EN
[54] **ENTROPY CODING TECHNIQUES FOR DISPLAY STREAM COMPRESSION (DSC) OF NON-4:4:4 CHROMA SUB-SAMPLING**
[54] **TECHNIQUES DE CODAGE ENTROPIQUE POUR COMPRESSION DE FLUX D'AFFICHAGE (DSC) D'UN SOUS-ECHANTILLONNAGE DE CHROMINANCE N'AYANT PAS LE FORMAT 4:4:4**
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JACOBSON, NATAN HAIM, US
[72] JOSHI, RAJAN LAXMAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-26
[86] 2016-10-19 (PCT/US2016/057740)
[87] (WO2017/070230)
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[25] EN
[54] **METHOD OF CHROMATOGRAPHIC SEPARATION**
[54] **PROCEDE DE SEPARATION CHROMATOGRAPHIQUE**
[72] HOKE, STEVEN HAMILTON, US
[72] LEI, QINGXIN, US
[72] MOTLAGH, SAFA, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] REILLY, MICHAEL, US
[72] SREEKRISHNA, KOTI TATACHAR, US
[72] LIN, YAKANG, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. C07C 269/06 (2006.01) C07C 231/02 (2006.01)**
[25] EN
[54] **SYNTHESIS OF CYCLOHEXANE CARBOXAMIDE DERIVATIVES USEFUL AS SENSATES IN CONSUMER PRODUCTS**
[54] **SYNTHESE DE DERIVES DE CARBOXAMIDE CYCLOHEXANE UTILES COMME AGENTS SENSORIELS DANS DES PRODUITS DE CONSOMMATION**
[72] YELM, KENNETH EDWARD, US
[72] WOS, JOHN AUGUST, US
[72] BUNKE, GREGORY MARK, US
[72] FREDERICK, HEATH, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] HOKE, STEVEN HAMILITON, US
[72] SREEKRISHNA, KOTI TATACHAR, US
[72] LIN, YAKANG, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2016-10-21 (PCT/US2016/058024)
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[30] US (62/245,192) 2015-10-22

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[51] **Int.Cl. B60C 11/03 (2006.01) B60C 11/16 (2006.01)**
[25] EN
[54] **PNEUMATIC VEHICLE TYRES**
[54] **PNEUMATIQUE DE VEHICULE**
[72] WIESE, KLAUS, DE
[72] HEINHAUPT, TORSTEN, DE
[72] VELLINGA-WALLENHAUER, MARIEKEN, DE
[72] SCHLITTENHARD, JAN, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[30] DE (10 2015 221 117.7) 2015-10-29

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[54] **PNEUMATIC VEHICLE TYRES**
[54] **PNEUMATIQUE DE VEHICULE**
[72] WIESE, KLAUS, DE
[72] HEINHAUPT, TORSTEN, DE
[72] VELLINGA-WALLENHAUER, MARIEKEN, DE
[72] SCHLITTENHARD, JAN, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[25] EN
[54] **TEXTILE SUBSTRATE MADE OF REINFORCEMENT FIBERS**
[54] **SUBSTRAT TEXTILE FAIT DE FIBRES DE RENFORCEMENT**
[72] WOCKATZ, RONNY, DE
[72] ORTMANNS, DIRK, DE
[71] TOHO TENAX EUROPE GMBH, DE
[85] 2018-03-27
[86] 2016-09-06 (PCT/EP2016/070959)
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[25] EN
[54] **ABSORPTION AGENT AND A METHOD FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE**
[54] **AGENT ABSORBANT ET PROCEDE D'ELIMINATION SELECTIVE D'HYDROGENE SULFURE**
[72] INGRAM, THOMAS, DE
[72] SIEDER, GEORG, DE
[72] PREIBISCH, IMKE, DE
[71] BASF SE, DE
[85] 2018-03-27
[86] 2016-09-14 (PCT/EP2016/071700)
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[51] **Int.Cl. G01N 27/00 (2006.01) B01J 19/00 (2006.01) C02F 1/66 (2006.01) G05D 21/00 (2006.01)**
[25] EN
[54] **NEUTRALIZATION PLANT**
[54] **INSTALLATION DE NEUTRALISATION**
[72] KUPPER, ACHIM, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2018-03-27
[86] 2016-09-26 (PCT/EP2016/072797)
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[13] A1
[51] **Int.Cl. G01N 27/30 (2006.01) G01N 27/42 (2006.01) G01N 33/18 (2006.01)**
[25] FR
[54] **METHOD FOR MODIFYING A WORKING ELECTRODE FOR A SENSOR DETECTING A METAL DISSOLVED IN TRACE AMOUNTS IN A LIQUID, ELECTRODE, SENSOR AND USE OF SAME**
[54] **PROCEDE DE MODIFICATION D'UNE ELECTRODE DE TRAVAIL POUR CAPTEUR DETECTANT UN METAL DISSOUS A L'ETAT DE TRACES DANS UN LIQUIDE, ELECTRODE, CAPTEUR ET SON UTILISATION**
[72] PARAT, CORINNE, FR
[72] LE HECHO-BOUROULLEC, ISABELLE, FR
[71] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-03-27
[86] 2016-09-27 (PCT/EP2016/073004)
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[25] EN
[54] **DRUM-TYPE CONVEYING INSTALLATION WITH CABLE-MONITORING DEVICE**
[54] **SYSTEME DE TRANSPORT A TAMBOUR EQUIPE D'UN DISPOSITIF DE SURVEILLANCE DE CABLE**
[72] KOSTERKE, UWE, DE
[71] OLKO-MASCHINENTECHNIK GMBH, DE
[85] 2018-03-27
[86] 2016-09-28 (PCT/EP2016/073042)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-HUMAN CD19 ANTIBODIES WITH HIGH AFFINITY**
[54] **ANTICORPS ANTI-HUMAIN CD19 A AFFINITE ELEVEE**
[72] HOFER, THOMAS, CH
[72] FERRARA KOLLER, CLAUDIA, CH
[72] MOESSNER, EKKEHARD, CH
[72] HE, MI, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-27
[86] 2016-09-28 (PCT/EP2016/073062)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDES FOR USE IN TREATING ALZHEIMER'S DISEASE**
[54] **OLIGONUCLEOTIDES ANTISENS DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] DE VLAAM, THOMAS PETRUS GERARDUS, NL
[72] HAILU, TSINATKEAB TADESSE, NL
[72] KARNEVA, ZHANA, NL
[71] PROQR THERAPEUTICS II B.V., NL
[85] 2018-03-27
[86] 2016-10-14 (PCT/EP2016/074814)
[87] (WO2017/064308)
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[25] EN
[54] **ANTI-VARIANT FC-REGION ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-REGION FC VARIANTE ET PROCEDES D'UTILISATION**
[72] KOWALEWSKY, FRANK, DE
[72] RITTER, MIRKO, DE
[72] STUBENRAUCH, KAY-GUNNAR, DE
[72] WESSELS, UWE, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-27
[86] 2016-10-27 (PCT/EP2016/075884)
[87] (WO2017/072210)
[30] EP (15192195.4) 2015-10-29

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[13] A1
[51] **Int.Cl. A01H 5/08 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **TOMATO PLANT PRODUCING FRUITS WITH BENEFICIAL COMPOUNDS**
[54] **PLANT DE TOMATE PRODUISANT DES FRUITS AYANT DES COMPOSES BENEFIQUES**
[72] SOLLEVELD, JOHAN CORNELIS, NL
[72] NOWOSIELSKI, AGATHE ANNA, NL
[72] KOOPMANS, ROY, NL
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
[85] 2018-03-27
[86] 2016-10-28 (PCT/EP2016/076079)
[87] (WO2017/072300)
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[13] A1
[51] **Int.Cl. G06T 7/33 (2017.01) G06T 11/00 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED COMPOSITE TISSUE IMAGE WITH REAL-TIME ADJUSTABLE INTERFACE**
[54] **IMAGE DE TISSU COMPOSITE MISE EN □UVRE PAR ORDINATEUR AVEC UNE INTERFACE REGLABLE EN TEMPS REEL**
[72] BREDNO, JOERG, US
[72] CHUKKA, SRINIVAS, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-03-27
[86] 2016-11-02 (PCT/EP2016/076351)
[87] (WO2017/076865)
[30] US (62/250,413) 2015-11-03

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[13] A1
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/04 (2006.01) C04B 38/00 (2006.01)**
[25] EN
[54] **CALCIUM NITRATE FOR REDUCING THE PORE SIZE DISTRIBUTION OF A HARDENED CEMENTITIOUS COMPOSITION AND STEEL REINFORCED CONCRETE HAVING AN ELEVATED RESISTANCE TOWARDS CARBONATION**
[54] **NITRATE DE CALCIUM POUR REDUIRE LA GRANULOMETRIE D'UNE COMPOSITION CIMENTAIRE DURCIE ET BETON ARME PRESENTANT UNE RESISTANCE ACCRUE A LA CARBONATATION**
[72] FRANKE, WOLFRAM, NO
[72] CILLUFFO, GIUSEPPE, IT
[72] TORABZADEGAN, MEHRDAD, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-03-27
[86] 2016-11-10 (PCT/EP2016/077206)
[87] (WO2017/081119)
[30] NO (20151535) 2015-11-10

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[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) A61K 31/7105 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CELL TARGETED HPV TREATMENT**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU VPH CIBLE SUR LES CELLULES**
[72] QUAKE, STEPHEN R., US
[72] WANG, JIANBIN, US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-27
[86] 2016-05-27 (PCT/US2016/034627)
[87] (WO2016/196282)
[30] US (62/168,188) 2015-05-29

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) G06F 19/22 (2011.01) C12N 9/22 (2006.01)**
[25] EN
[54] **ANTIVIRAL METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS ANTIVIRAUX**
[72] QUAKE, STEPHEN R., US
[72] WANG, JIANBIN, US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-27
[86] 2016-05-27 (PCT/US2016/034638)
[87] (WO2016/196283)
[30] US (62/168,183) 2015-05-29

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[13] A1
[51] **Int.Cl. A61L 27/38 (2006.01) C12N 5/0789 (2010.01) A61L 27/54 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING CELLS FOR TRANSPLANT**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE CELLULES DE TRANSPLANTATION**
[72] QUAKE, STEPHEN R., US
[72] WANG, JIANBIN, US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-27
[86] 2016-05-27 (PCT/US2016/034700)
[87] (WO2016/196308)
[30] US (62/168,253) 2015-05-29

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO TREAT VIRAL INFECTIONS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES INFECTIONS VIRALES**
[72] QUAKE, STEPHEN R., US
[72] WANG, JIANBIN, US
[71] AGENOVIR CORPORATION, US
[85] 2018-03-27
[86] 2016-05-27 (PCT/US2016/034606)
[87] (WO2016/196273)
[30] US (62/168,259) 2015-05-29
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[13] A1
[51] **Int.Cl. A61G 7/10 (2006.01)**
[25] EN
[54] **MOBILITY AID**
[54] **AIDE A LA MOBILITE**
[72] HARPER, CHRISTOPHER PATRICK, AU
[72] THOMPSON, DAVID CHARLES, AU
[72] COOPER, ARTHUR DAVID, AU
[72] FLEMING, THOMAS MAURICE, AU
[71] LIGHT AND EASY MOBILITY PTY LTD, AU
[85] 2018-03-28
[86] 2016-10-04 (PCT/AU2016/000338)
[87] (WO2017/054034)
[30] AU (2015904021) 2015-10-02

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01)**
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[54] **NOROVIRUS VACCINE**
[54] **VACCIN CONTRE UN NOROVIRUS**
[72] COBB, RON, US
[72] SPRINGER, MICHAEL, US
[72] NI, YAWEI, US
[71] OLOGY BIOSERVICES, INC., US
[85] 2018-02-22
[86] 2016-08-26 (PCT/US2016/048940)
[87] (WO2017/040265)
[30] US (62/211,289) 2015-08-28

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[51] **Int.Cl. A61K 41/00 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/32 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FORMULATION OF HYPERICIN FOR PHOTODYNAMIC THERAPY**
[54] **FORMULATION D'HYPERICINE POUR LA THERAPIE PHOTODYNAMIQUE**
[72] ABRAHAMSBERG, CHRISTINA, AT
[72] FRANTSITS, WERNER, AT
[72] GERDES, KLAUS, DE
[72] GUNGL, JOZSEF, HU
[72] KALZ, BEATE, AT
[72] MEDINGER, GREGOR, US
[72] WELZIG, STEFAN, AT
[71] SANOCHEMIA PHARMAZEUTIKA AG, AT
[85] 2018-03-28
[86] 2016-04-07 (PCT/AT2016/000033)
[87] (WO2017/054017)
[30] AT (A 630/2015) 2015-09-28

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[51] **Int.Cl. A61K 31/7072 (2006.01) A61K 31/4184 (2006.01) A61K 31/4709 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY REGIMEN FOR TREATMENT OF HCV**
[54] **POLYTHERAPIE POUR LE TRAITEMENT D'UNE DU VHC**
[72] BEUMONT, MARIA GLORIA, FR
[72] BIJNENS, LIEVE, BE
[72] BLATT, LAWRENCE M., US
[72] CHANDA, SUSHMITA MUKHERJEE, US
[72] FRY, JOHN, US
[72] JANS, EUGENE, BE
[72] KAKUDA, THOMAS NAOKI, US
[72] MAHADEVAN, SIVI, BE
[72] MERTENS, ROEL, BE
[72] PICCHIO, GASTON RAFAEL, US
[72] VAN DIJCK, ALEX, BE
[72] VAN REMOORTERE, PETER, US
[72] APELIAN, DAVID, US
[72] CHEN, DAWEI, US
[72] DESHPANDE, MILIND, US
[72] HUI, JAMES, GB
[72] PHADKE, AVINASH, US
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] ACHILLION PHARMACEUTICALS, INC., US
[85] 2018-03-28
[86] 2016-09-29 (PCT/US2016/054561)
[87] (WO2017/059147)
[30] US (62/234,408) 2015-09-29
[30] US (62/299,338) 2016-02-24
[30] US (62/353,708) 2016-06-23
[30] US (62/365,541) 2016-07-22

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[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/103 (2006.01)**
[25] EN
[54] **OPTICAL MEASUREMENT SYSTEMS AND METHODS WITH CUSTOM CHROMATIC ABERRATION ADJUSTMENTS**
[54] **SYSTEMES ET PROCEDES DE MESURE OPTIQUE AVEC AJUSTEMENTS D'ABERRATION CHROMATIQUE PERSONNALISES**
[72] COPLAND, RICHARD J., US
[72] NEAL, DANIEL R., US
[72] RAYMOND, THOMAS D., US
[72] FARRER, STEPHEN W., US
[71] AMO WAVEFRONT SCIENCES, LLC, US
[85] 2018-03-28
[86] 2016-09-30 (PCT/US2016/054861)
[87] (WO2017/059291)
[30] US (62/236,083) 2015-10-01

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[51] **Int.Cl. A61K 49/00 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **FORMULATION OF HYPERICIN FOR PHOTODYNAMIC DIAGNOSIS**
[54] **FORMULATION D'HYPERICINE POUR DIAGNOSTIC PHOTODYNAMIQUE**
[72] ABRAHAMSBERG, CHRISTINA, AT
[72] FRANTSITS, WERNER, AT
[72] GERDES, KLAUS, DE
[72] GUNGL, JOZSEF, HU
[72] KALZ, BEATE, AT
[72] WELZIG, STEFAN, AT
[71] SANOCHEMIA PHARMAZEUTIKA AG, AT
[85] 2018-03-28
[86] 2016-04-07 (PCT/AT2016/000034)
[87] (WO2017/054018)
[30] AT (A629/2015) 2015-09-28

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **WORKFLOW SERVICE USING STATE TRANSFER**
[54] **SERVICE DE FLUX DE TRAVAUX UTILISANT UN TRANSFERT D'ETAT**
[72] REHAAG, AARON-KENNETH KARL, US
[72] ISLAM, ZAKIUL, US
[72] WANG, XIAOMING, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-28
[86] 2016-09-30 (PCT/US2016/054950)
[87] (WO2017/059331)
[30] US (14/871,663) 2015-09-30

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[13] A1
[51] **Int.Cl. C11B 1/08 (2006.01) A23D 9/02 (2006.01) C11B 1/04 (2006.01)**
[25] EN
[54] **HEAT RECOVERY FOR SEED CONDITIONER AND COOKER OPERATION**
[54] **RECUPERATION DE CHALEUR POUR LE FONCTIONNEMENT DE CONDITIONNEUR ET CUISEUR DE GRAINES**
[72] PAULSON, COREY ALAN, US
[72] FLOAN, BENJAMIN WAYNE, US
[71] CROWN IRON WORKS COMPANY, US
[85] 2018-03-28
[86] 2016-09-30 (PCT/US2016/054988)
[87] (WO2017/059354)
[30] US (62/236,553) 2015-10-02

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[51] **Int.Cl. G10L 21/0208 (2013.01) G10L 21/0224 (2013.01) A61B 5/12 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD FOR REDUCING CROSSTALK IN A COMPUTER-BASED AUDIOMETER**
[54] **PROCEDE MIS EN □UVRE PAR ORDINATEUR POUR REDUIRE LA DIAPHONIE DANS UN AUDIOMETRE INFORMATISE**
[72] BROMWICH, MATTHEW, CA
[72] JOURDAN, GUY-VINCENT, CA
[72] BROMWICH, JULIAN, CA
[72] KOIVIKKO, HEIKKI, CA
[71] CLEARWATER CLINICAL LIMITED, CA
[85] 2018-03-28
[86] 2016-10-06 (PCT/CA2016/000249)
[87] (WO2017/063069)
[30] CA (2,908,891) 2015-10-15

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[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MAGNETIC PROFILING OF PARTICLES IN A FLOW**
[54] **DISPOSITIF DE PROFILAGE MAGNETIQUE DE PARTICULES DANS UN ECOULEMENT**
[72] KELLEY, SHANA, CA
[72] SARGENT, EDWARD, CA
[72] POUDINEH, MAHLA, CA
[72] MOHAMADI, REZA, CA
[72] ALDRIDGE, PETER, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-03-28
[86] 2016-09-27 (PCT/CA2016/051128)
[87] (WO2017/054075)
[30] US (62/233,648) 2015-09-28

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[13] A1
[51] **Int.Cl. B08B 5/02 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **HANDHELD TOOL WITH INTERCHANGEABLE TOOL HEADS**
[54] **OUTIL PORTATIF A TETES D'OUTIL INTERCHANGEABLES**
[72] SHELDON, JOHN CHARLES, CA
[71] SHELDON, JOHN CHARLES, CA
[85] 2018-03-28
[86] 2016-09-27 (PCT/CA2016/051130)
[87] (WO2017/054077)
[30] US (62/233,763) 2015-09-28

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[13] A1
[51] **Int.Cl. B61C 7/04 (2006.01) B60W 20/10 (2016.01) B60W 20/15 (2016.01) B61C 17/12 (2006.01)**
[25] EN
[54] **LOCOMOTIVES**
[54] **LOCOMOTIVES**
[72] ROOSEN, PETER PAUL, CA
[72] HORSLEY, ROBERT NIGEL, CA
[72] MACK, THOMAS, US
[71] VERAIL TECHNOLOGIES, INC., US
[71] ROOSEN, PETER PAUL, CA
[71] HORSLEY, ROBERT NIGEL, CA
[71] MACK, THOMAS, US
[85] 2018-03-28
[86] 2016-09-29 (PCT/CA2016/051134)
[87] (WO2017/054079)
[30] US (62/234,576) 2015-09-29

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[13] A1
[51] **Int.Cl. G01D 21/02 (2006.01) A63B 71/06 (2006.01) G01C 22/02 (2006.01) G01P 7/00 (2006.01) G01S 13/74 (2006.01)**
[25] EN
[54] **DATA-COLLECTING PLAY OBJECT, SYSTEM AND METHOD**
[54] **OBJET DE JEU A COLLECTE DE DONNEES, SYSTEME ET PROCEDE ASSOCIES**
[72] GUILLEMETTE, JONATHAN, CA
[71] INTELLISPORTS INC., CA
[85] 2018-03-28
[86] 2016-09-30 (PCT/CA2016/051137)
[87] (WO2017/054082)
[30] US (62/234,761) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 35/761 (2015.01) C07K 14/075 (2006.01) C12N 7/01 (2006.01) C12N 15/33 (2006.01)**
[25] EN
[54] **SYNTHETIC ADENOVIRUSES WITH TROPISM TO DAMAGED TISSUE FOR USE IN PROMOTING WOUND REPAIR AND TISSUE REGENERATION**
[54] **ADENOVIRUS SYNTHETIQUE AVEC TROPISME POUR UN TISSU ENDOMMAGE POUR UTILISATION DANS LA STIMULATION DE LA REPARATION DE PLAIE ET LA REGENERATION TISSULAIRE**
[72] O'SHEA, CLODAGH, US
[72] POWERS, COLIN, US
[72] ZHANG, LEI, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2018-03-28
[86] 2016-10-05 (PCT/US2016/055579)
[87] (WO2017/062511)
[30] US (62/237,410) 2015-10-05

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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/14 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESENTING DYNAMIC VISUALIZATIONS**
[54] **SYSTEME ET PROCEDE DE PRESENTATION DE VISUALISATIONS DYNAMIQUES**
[72] IANNACCONE, PHILIP, CA
[72] PITIO, WALTER, CA
[72] BROWN, JAMES, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2018-03-28
[86] 2016-10-03 (PCT/CA2016/051150)
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[30] US (62/235,858) 2015-10-01

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[51] **Int.Cl. G06F 9/06 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DUPLICATING AN APPLICATION STATE**
[54] **SYSTEME ET PROCEDE DE DUPLICATION D'UN ETAT D'APPLICATION**
[72] IANNACCONE, PHILIP, CA
[72] PITIO, WALTER MICHAEL, CA
[72] BROWN, JAMES, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2018-03-28
[86] 2016-10-03 (PCT/CA2016/051151)
[87] (WO2017/054095)
[30] US (62/235,862) 2015-10-01

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[51] **Int.Cl. A47C 7/62 (2006.01) A47C 1/12 (2006.01) E04H 3/30 (2006.01)**
[25] EN
[54] **WASTE DISPOSAL SYSTEMS FOR HIGH DENSITY VENUES**
[54] **SYSTEMES D'ELIMINATION DES DECHETS POUR LIEUX A HAUTE DENSITE**
[72] CIPRIAN, MICAH, CA
[72] HAMBLIN, GAVIN, CA
[71] SNAPBACK SEAT COMPANY LTD., CA
[85] 2018-03-28
[86] 2017-07-14 (PCT/CA2017/050855)
[87] (WO2018/049509)
[30] US (62/495,442) 2016-09-15

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[25] FR
[54] **DEVICE FOR CONVERTING A LIQUID INTO VAPOUR AND ASSOCIATED METHOD FOR REGULATING A HEATING POWER**
[54] **DISPOSITIF DE CONVERSION D'UN LIQUIDE EN VAPEUR ET PROCEDE DE REGULATION D'UNE PUISSANCE DE CHAUFFAGE ASSOCIE**
[72] CHATROUX, ANDRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-03-28
[86] 2016-09-28 (PCT/EP2016/073081)
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[25] FR
[54] **BIURET POLYISOCYANATE COMPOSITION**
[54] **COMPOSITION POLYISOCYANATE BIURET**
[72] BERNARD, JEAN-MARIE, FR
[72] OLIER, PHILIPPE, FR
[71] VENCOREX FRANCE, FR
[85] 2018-03-28
[86] 2016-09-30 (PCT/EP2016/073426)
[87] (WO2017/055552)
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[25] FR
[54] **SYSTEM FOR ELECTROLYSING WATER (SOEC) OR FUEL-CELL STACK (SOFC) OPERATING UNDER PRESSURE, THE REGULATION OF WHICH IS IMPROVED.**
[54] **SYSTEME D'ELECTROLYSE DE L'EAU (SOEC) OU PILE A COMBUSTIBLE (SOFC) A FONCTIONNEMENT SOUS PRESSION DONT LA REGULATION EST AMELIOREE**
[72] CHATROUX, ANDRE, FR
[72] GOUSSEAU, GEORGES, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-03-28
[86] 2016-10-05 (PCT/EP2016/073727)
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[51] **Int.Cl. C25C 3/20 (2006.01) C25C 3/08 (2006.01)**
[25] FR
[54] **SERIES OF ELECTROLYSIS CELLS FOR THE PRODUCTION OF ALUMINIUM COMPRISING MEANS FOR BALANCING THE MAGNETIC FIELDS AT THE END OF THE LINE**
[54] **SERIE DE CELLULES D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM COMPORTANT DES MOYENS POUR EQUILIBRER LES CHAMPS MAGNETIQUES EN EXTREMITE DE FILE**
[72] BARDET, BENOIT, FR
[72] MARTIN, OLIVIER, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2018-03-28
[86] 2016-10-03 (PCT/IB2016/001437)
[87] (WO2017/064547)
[30] FR (15/02186) 2015-10-15

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4709 (2006.01) A61P 11/00 (2006.01) C07D 401/04 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 493/08 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR MODULATING CFTR**
[54] **COMPOSES, COMPOSITIONS ET METHODES PERMETTANT DE MODULER LE CFTR**
[72] MUNOZ, BENITO, US
[72] BASTOS, CECILIA M., US
[72] PARKS, DANIEL, US
[72] KOMBO, DAVID, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2018-03-28
[86] 2016-10-06 (PCT/US2016/055693)
[87] (WO2017/062581)
[30] US (62/237,887) 2015-10-06
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[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING**
[54] **DISTRIBUTION DE BOISSON**
[72] WING, MICHAEL, US
[72] DE BOECK, YVAN, US
[72] GRUNDY, SEAN, US
[72] BECTON, ELIZABETH, US
[72] LEE, FRANK, US
[71] HYDRATION LABS, INC., US
[85] 2018-03-28
[86] 2016-09-29 (PCT/US2016/054370)
[87] (WO2017/059027)
[30] US (62/235,240) 2015-09-30
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[30] US (62/387,124) 2015-12-23
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[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/18 (2011.01) A01K 67/00 (2006.01) A01K 67/027 (2006.01)**
[25] EN
[54] **METHODS OF GENOMIC EVALUATION IN LIVESTOCK**
[54] **METHODES D'EVALUATION GENOMIQUE DU BETAIL**
[72] DOBRINSKY, JOHN, US
[72] MORENO, JUAN F., US
[72] HEUER, CLAAS, US
[72] KENDALL, DAVID, US
[71] INGURAN, LLC, US
[85] 2018-03-28
[86] 2016-10-14 (PCT/US2016/057115)
[87] (WO2017/066622)
[30] US (62/242,828) 2015-10-16
[30] US (62/249,018) 2015-10-30

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[51] **Int.Cl. B01D 21/00 (2006.01) B03C 5/00 (2006.01) B03C 5/02 (2006.01) B03D 1/018 (2006.01) B03D 1/02 (2006.01) B03D 1/14 (2006.01)**
[25] EN
[54] **MINERAL BENEFICIATION UTILIZING ENGINEERED MATERIALS FOR MINERAL SEPARATION AND COARSE PARTICLE RECOVERY**
[54] **ENRICHISSEMENT DE MINERAUX UTILISANT DES MATERIAUX MODIFIES POUR LA SEPARATION DES MINERAUX ET LA RECUPERATION DE GROSSES PARTICULES**
[72] ROTHMAN, PAUL J., US
[72] FERNALD, MARK R., US
[72] AMELUNXEN, PETER A., CA
[71] CIDRA CORPORATE SERVICES INC., US
[85] 2018-03-28
[86] 2016-10-17 (PCT/US2016/057322)
[87] (WO2017/066752)
[30] US (62/242,545) 2015-10-16

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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **CONTROL CHANNEL CONFIGURATION IN PARTIAL AND FULL SUBFRAMES**
[54] **CONFIGURATION DE CANAL DE COMMANDE DANS DES SOUS-TRAMES PARTIELLES ET COMPLETES**
[72] DINAN, ESMAEL HEJAZI, US
[71] OFINNO TECHNOLOGIES, LLC, US
[85] 2018-03-28
[86] 2016-10-17 (PCT/US2016/057420)
[87] (WO2017/066803)
[30] US (62/243,028) 2015-10-17

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[13] A1
[51] **Int.Cl. G01N 35/04 (2006.01) G01N 1/28 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **METHODS, TOOLS, AND TOOL ASSEMBLIES FOR BIOMOLECULAR ANALYSIS USING MICROARRAYS**
[54] **PROCEDES, OUTILS ET ENSEMBLES D'OUTIL POUR ANALYSE BIOMOLECULAIRE A L'AIDE DE MICRORESEAUX**
[72] RAJASEKARAN, JOHN J., US
[72] JAYARAMAN, VASANTH, US
[72] WANG, TIANHAO, US
[72] BEI, KANG, US
[72] KRISHNAMURTHY, HARI KRISHNAN, US
[72] KRISHNA, KARTHIK, US
[71] VIBRANT HOLDINGS, LLC, US
[85] 2018-03-28
[86] 2016-10-25 (PCT/US2016/058589)
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[30] US (62/248,287) 2015-10-29

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[13] A1
[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF HEAD AND NECK CANCER**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER DE LA TETE ET DU COU**
[72] WELLS, SUSANNE, US
[72] ADAMS, ALLIE K., US
[72] STARCZYNOWSKI, DANIEL, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2018-03-28
[86] 2016-10-26 (PCT/US2016/058864)
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[30] US (62/248,050) 2015-10-29

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[51] **Int.Cl. B60K 17/16 (2006.01)**
[25] EN
[54] **FLOATING DIFFERENTIAL SUSPENSION SYSTEM**
[54] **SYSTEME FLOTTANT DE SUSPENSION DE DIFFERENTIEL**
[72] GRUSCHOW, ROBERT, US
[72] HOLMES, WESLEY SCOTT, US
[72] STEPHEY, NICHOLAS PAUL, US
[71] AMANDA BENT-BOLT COMPANY D/B/A AMANDA MANUFACTURING, US
[85] 2018-03-28
[86] 2016-11-02 (PCT/US2016/060076)
[87] (WO2017/079263)
[30] US (62/249,408) 2015-11-02

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[13] A1
[51] **Int.Cl. E21B 19/08 (2006.01) E21B 7/20 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **LOWER STABILIZING ARM FOR A DRILLING RIG**
[54] **BRAS DE STABILISATION INFERIEUR POUR UNE INSTALLATION DE FORAGE**
[72] ORR, MELVIN ALAN, US
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-03-28
[86] 2016-11-08 (PCT/US2016/060885)
[87] (WO2017/087200)
[30] US (62/255,991) 2015-11-16

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 19/08 (2006.01)**
[25] [illegible]
[54] **HIGH TRIP RATE DRILLING RIG**
[54] **APPAREIL DE FORAGE A GRANDE VITESSE DE MAN UVRE**
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[72] ORR, MELVIN ALAN, US
[72] TREVITHICK, MARK W., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-03-28
[86] 2017-05-01 (PCT/US2017/030329)
[87] (WO2017/190120)
[30] US (62/330,016) 2016-04-29
[30] US (62/330,021) 2016-04-29
[30] US (62/330,012) 2016-04-29
[30] US (62/330,244) 2016-05-01
[30] US (62/330,200) 2016-05-01
[30] US (PCT/US2016/061956) 2016-11-15
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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61P 35/02 (2006.01)**
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[54] **CANCER ANTIGEN TARGETS AND USES THEREOF**
[54] **CIBLES D'ANTIGENE DU CANCER ET LEURS UTILISATIONS**
[72] SADELAIN, MICHEL, US
[72] PERNA, FABIANA, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-03-28
[86] 2017-08-04 (PCT/US2017/045632)
[87] (WO2018/027197)
[30] US (62/371,199) 2016-08-04

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[51] **Int.Cl. F26B 3/06 (2006.01) F26B 3/16 (2006.01) F26B 15/18 (2006.01) F26B 17/00 (2006.01) F26B 17/12 (2006.01) F26B 21/08 (2006.01) F26B 23/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ORE MOISTURE REDUCTION IN CONVEYOR BELTS AND TRANSFER CHUTES**
[54] **PROCEDE DE REDUCTION D'HUMIDITE DE MINERAI DANS DES COURROIES DE TRANSPORT ET DES GOULOTTES DE TRANSFERT**
[72] DE SOUZA, PINTO THIAGO CESAR, BR
[72] DE ALCANTARA, COSTA MARCIO, BR
[72] LAURINDO DE SALLES, LEAL FILHO, BR
[72] DA FONSECA SILA E, SILVA DANILO, BR
[71] VALE S.A., BR
[85] 2018-03-29
[86] 2016-10-04 (PCT/BR2016/000105)
[87] (WO2017/070761)
[30] BR (102015027270-7) 2015-10-27

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[51] **Int.Cl. A61F 5/14 (2006.01) A43B 7/14 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **FOOTBED FOR USE IN OPEN FOOTWEAR FOR RELEASABLY RETAINING ORTHOTIC INSERTS**
[54] **ASSISE PLANTAIRE DESTINEE A ETRE UTILISEE DANS UNE CHAUSSURE OUVERTE POUR RETENIR DE MANIERE AMOVIBLE DES INSERTS ORTHOPEDIQUES**
[72] BRADLEY, NORMAN, CA
[71] BRADLEY, NORMAN, CA
[85] 2018-03-29
[86] 2017-05-10 (PCT/CA2017/000124)
[87] (WO2017/197486)
[30] US (62/391,881) 2016-05-16
[30] US (62/357,978) 2016-07-02

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[51] **Int.Cl. A61M 16/10 (2006.01) A61B 5/087 (2006.01) A61B 5/1455 (2006.01) A61M 16/12 (2006.01)**
[25] EN
[54] **METHOD FOR DELIVERY OF BREATHING GAS TO A PATIENT AND SYSTEM FOR PERFORMING SAME**
[54] **PROCEDE DE DISTRIBUTION DE GAZ RESPIRATOIRE A UN PATIENT, ET SYSTEME POUR LE METTRE EN □UVRE**
[72] LELLOUCHE, FRANCOIS, CA
[72] L'HER, ERWAN, FR
[72] GOSSELIN, BENOIT, CA
[72] NGUYEN, QUANG-THANG, VN
[71] UNIVERSITE LAVAL, CA
[71] UNIVERSITE DE BRETAGNE OCCIDENTALE, FR
[71] OXY'NOV INC., CA
[85] 2018-03-29
[86] 2016-10-04 (PCT/CA2016/051153)
[87] (WO2017/059530)
[30] US (62/237,252) 2015-10-05

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[51] **Int.Cl. F16K 41/02 (2006.01) F16K 1/22 (2006.01) F16K 27/02 (2006.01)**
[25] EN
[54] **VALVE BODY INSERT APPARATUS AND RELATED METHODS**
[54] **APPAREIL D'ELEMENT RAPPORTE DE CORPS DE VANNE ET PROCEDES ASSOCIES**
[72] HELFER, WADE JONATHON, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-03-28
[86] 2016-10-07 (PCT/US2016/055889)
[87] (WO2017/062705)
[30] US (62/238,431) 2015-10-07
[30] US (15/145,514) 2016-05-03

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[13] A1
[51] **Int.Cl. C02F 11/00 (2006.01) B01D 21/00 (2006.01) C02F 1/46 (2006.01) C02F 11/02 (2006.01)**
[25] FR
[54] **ELECTRICAL CONDITIONING OF BIOLOGICAL SLUDGE TO PREPARE SAME FOR DEHYDRATION/EXTRACTION**
[54] **CONDITIONNEMENT ELECTRIQUE DES BOUES BIOLOGIQUES POUR LES APPRETER A UNE DESHYDRATATION/EXTRACTIO N**
[72] BERRAK, ABDERRAZAK, CA
[72] BOUREGA, ABDELAZIZ, CA
[71] BXA INNOVATION, CA
[85] 2018-03-29
[86] 2017-05-30 (PCT/CA2017/050653)
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[30] CA (2,932,009) 2016-06-02

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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 3/12 (2006.01) A61B 3/14 (2006.01) A61B 5/026 (2006.01) G02B 27/48 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RAPID EXAMINATION OF VASCULATURE AND PARTICULATE FLOW USING LASER SPECKLE CONTRAST IMAGING**
[54] **SYSTEME ET PROCEDE D'EXAMEN RAPIDE DU SYSTEME VASCULAIRE ET DE L'ECOULEMENT PARTICULAIRE A L'AIDE D'UNE IMAGERIE DE CONTRASTE A GRANULARITE LASER**
[72] REGE, ABHISHEK, US
[72] BROOKE, JASON M., US
[72] LIU, YUSI, US
[72] MURARI, KARTIKEYA, CA
[71] VASOPTIC MEDICAL, INC., US
[85] 2018-03-28
[86] 2016-10-07 (PCT/US2016/055976)
[87] (WO2017/062759)
[30] US (62/239,529) 2015-10-09

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **NOVEL CARBOHYDRATE ANTIBODIES, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF**
[54] **NOUVEAUX ANTICORPS CARBOHYDRATE, COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] YU, CHENG-DER TONY, TW
[72] LAI, JIANN-SHIUN, TW
[72] CHEN, I-JU, TW
[71] OBI PHARMA, INC., TW
[85] 2018-03-28
[86] 2016-10-07 (PCT/US2016/056032)
[87] (WO2017/062792)
[30] US (62/238,680) 2015-10-07

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[13] A1
[51] **Int.Cl. B32B 27/20 (2006.01) C09D 11/037 (2014.01) C09D 11/106 (2014.01) C09D 11/107 (2014.01) C09D 11/02 (2014.01) C09D 133/04 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **PREPARATION OF RETORT PACKAGING INK THROUGH CROSS-LINKING OF POLYURETHANE RESINS**
[54] **PREPARATION D'UNE ENCRE D'EMBALLAGE STERILISABLE EN AUTOCLAVE PAR LA RETICULATION DE RESINES POLYURETHANE**
[72] BLEVINS, ALEX, US
[72] ZIJLSTRA, STEVEN, NL
[72] BEK, MARTIN, NL
[71] BASF SE, DE
[85] 2018-03-28
[86] 2016-10-07 (PCT/US2016/055977)
[87] (WO2017/062760)
[30] US (62/238,934) 2015-10-08

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61K 38/29 (2006.01) C07K 14/635 (2006.01)**
[25] EN
[54] **FORMULATIONS OF PTHRP ANALOGUES, TRANSDERMAL PATCHES THEREOF, AND USES THEREOF**
[54] **FORMULATIONS D'ANALOGUES DE PTHRP, TIMBRES TRANSDERMIQUES DE CELLES-CI, ET UTILISATIONS DE CELLES-CI**
[72] HATTERSLEY, GARY, US
[72] HARRIS, ALAN, US
[72] SAEH, JAMAL, US
[72] HAMED, EHAB, US
[71] RADIUS HEALTH, INC., US
[85] 2018-03-28
[86] 2016-10-08 (PCT/US2016/056196)
[87] (WO2017/062922)
[30] US (62/239,773) 2015-10-09
[30] US (62/239,801) 2015-10-09
[30] US (62/239,774) 2015-10-09
[30] US (62/324,336) 2016-04-18
[30] US (62/353,249) 2016-06-22
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[13] A1
[51] **Int.Cl. H04B 7/155 (2006.01) H04B 1/00 (2006.01)**
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[54] **SIGNAL BOOSTER**
[54] **AMPLIFICATEUR DE SIGNAL**
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[72] COOK, PATRICK, US
[71] WILSON ELECTRONICS, LLC, US
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[54] **AGONISTES DU RECEPTEUR DU GLUCAGON**
[72] COSKUN, TAMER, US
[72] ALSINA-FERNANDEZ, JORGE, US
[71] ELANCO US INC., US
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[54] **PROCEDE DE RECUPERATION DE ZINC A PARTIR D'UNE SOLUTION**
[72] WELHAM, NICHOLAS JAMES, AU
[71] METALEACH LIMITED, VG
[71] WELHAM, NICHOLAS JAMES, AU
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[54] **EQUIPEMENT DE COMMUNICATION**
[72] DENG, CHANGSHUN, CN
[72] LIU, CHUAN, CN
[72] LONG, KE, CN
[72] ZHAO, SHUCHEN, CN
[72] YAN, JI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] XIE, LING, US
[72] TSAI, SHIAU-HE, US
[72] MAO, JIE, US
[72] ZHANG, YAN, US
[72] CHEN, HUICHUN, US
[72] WANG, SHANSHAN, US
[72] TIAN, SONG, US
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[54] **COMPOSITION PHARMACEUTIQUE ET APPLICATION DE CETTE DERNIERE**
[72] GE, CHUANSHENG, CN
[72] LIAO, BAISONG, CN
[72] LEE, WEN-CHERNG, CN
[71] KANGPU BIOPHARMACEUTICALS, LTD., CN
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[54] **PYRIMIDINE OR PYRIDOPYRIDONE COMPOUND AND APPLICATION THEREOF**
[54] **COMPOSE DE PYRIMIDINE OU DE PYRIDOPIRYDINE ET APPLICATION CORRESPONDANTE**
[72] CAI, XIONG, CN
[72] QIAN, CHANGGENG, CN
[72] LI, JUNQI, CN
[72] QING, YUANHUI, CN
[72] WANG, YANYAN, CN
[72] XUE, WEICAI, CN
[72] YOU, HUAJIN, CN
[71] GUANGZHOU BEBETTER MEDICINE TECHNOLOGY CO., LTD., CN
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[54] **HAEMOPHILUS INFLUENZAE FUSION PROTEIN AND CONSTRUCTION METHOD AND USE THEREOF**
[54] **PROTEINE DE FUSION D'HAEMOPHILUS INFLUENZAE ET SON PROCEDE DE CONSTRUCTION ET SON UTILISATION**
[72] LI, JUNQIANG, CN
[72] MIAO, DANQING, CN
[72] YANG, MINGMING, CN
[72] SHAO, ZHONGQI, CN
[72] ZHU, TAO, CN
[72] YU, XUEFENG, CN
[71] CANSINO BIOLOGICS INC., CN
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[54] **VEHICULE D'INTERACTION HOMME-MACHINE TOUTE-ATTITUDE EN REFERENCE CROISEE AUX APPLICATIONS ASSOCIEES**
[72] YING, JIAWEI, CN
[71] HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD, CN
[85] 2018-03-29
[86] 2016-09-20 (PCT/CN2016/099422)
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[54] **SOYBEAN TRANSGENIC EVENT SHZD32-01 AND METHODS OF USE THEREOF**
[54] **EVENEMENT DE TRANSFORMATION DE SOJA SHZD32-01 ET SON PROCEDE D'APPLICATION**
[72] CAO, YUEPING, CN
[72] XIAO, PEIYING, CN
[72] BO, LUHUA, CN
[72] LIU, FENG, CN
[72] CUI, YUNYUN, CN
[72] ZHOU, LINBI, CN
[72] ZHANG, JIAJIN, CN
[72] WU, XIANGYU, CN
[72] LI, NA, CN
[71] SHANGHAI JIAO TONG UNIVERSITY, CN
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[54] **PENETRATOR AND SUB-CALIBER PROJECTILE**
[54] **PENETRATEUR ET PROJECTILE SOUS-CALIBRE**
[72] BERG, MARTIN, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
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[54] **COMPOSITIONS DE POLYPROPYLENE POUR DES APPLICATIONS AUTOMOBILES**
[72] LUMMERSTORFER, THOMAS, AT
[72] GRESTENBERGER, GEORG, AT
[72] TRANNINGER, MICHAEL, AT
[71] BOREALIS AG, AT
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[54] **A HOT-ROLLED HIGH-STRENGTH ROLL-FORMABLE STEEL SHEET WITH EXCELLENT STRETCH-FLANGE FORMABILITY AND A METHOD OF PRODUCING SAID STEEL**
[54] **TOLE D'ACIER A HAUTE RESISTANCE LAMINEE A CHAUD ET POUVANT ETRE FORMEE AU ROULEAU POSSEDANT UNE EXCELLENTE APTITUDE AU FORMAGE DE BORD TOMBE, ET PROCEDE DE PRODUCTION DUDIT ACIER**
[72] RIJKENBERG, ROLF ARJAN, NL
[72] AARNTS, MAXIM PETER, NL
[71] TATA STEEL IJMUIDEN B.V., NL
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[54] **PROCEDE DE FABRICATION D'UN MATERIAU DE PILE AU LITHIUM, MATERIAUX ET PILE AU LITHIUM**
[72] DUBOIS, MARC, FR
[72] GUERIN ARAUJO DA SILVA, KATIA, FR
[72] DISA-SAINTON, ELODIE, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[72] LETZELTER, THOMAS, DE
[72] ROLLIE, SASCHA, DE
[72] BAUDER, ANDREAS, DE
[72] LEHR, FLORIAN, DE
[72] ERNST, BURKHARD, DE
[72] SILBERNAGEL, DANIEL, DE
[72] KAEPPLER, TOBIAS, DE
[71] WINTERSHALL HOLDING GMBH, DE
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[54] **METHOD FOR ENCODING STREAMS OF VIDEO DATA BASED ON GROUPS OF PICTURES (GOP)**
[54] **PROCEDE D'ENCODAGE DE FLUX DE DONNEES VIDEO BASEES SUR DES GROUPEMENTS D'IMAGES (GOP)**
[72] KEIFLIN, PIERRE, FR
[72] CARNIEL, CHRISTOPHE, FR
[72] DEDISSE, DANIEL, FR
[71] VOGO, FR
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[54] **COMPOSITIONS VETERINAIRES POUR CONTROLER LES PHLEBOTOMES**
[72] VARLOUD, MARIE, FR
[71] CEVA SANTE ANIMALE, FR
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[54] **PROCEDE DE FONCTIONNEMENT D'UNE RECOLTEUSE A L'AIDE D'UN MODELE DE CROISSANCE VEGETALE**
[72] PETERS, OLE, DE
[71] BAYER CROPSCIENCE AG, DE
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[25] EN
[54] **BISPECIFIC ANTI-HUMAN A-BETA/HUMAN TRANSFERRIN RECEPTOR ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS BISPECIFIQUES DIRIGES CONTRE LE RECEPTEUR DE TRANSFERRINE HUMAINE A-BETA/HUMAINE**
[72] DUERR, HARALD, DE
[72] FENN, SEBASTIAN, DE
[72] GOEPFERT, ULRICH, DE
[72] IMHOF-JUNG, SABINE, DE
[72] KLEIN, CHRISTIAN, CH
[72] LARIVIERE, LAURENT, DE
[72] MOLHOJ, MICHAEL, DE
[72] REGULA, JOERG THOMAS, DE
[72] RUEGER, PETRA, DE
[72] SCHAEFER, WOLFGANG, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **VARIANTS D'ALPHA-HEMOLYSINE**
[72] DORWART, MICHAEL, US
[72] CRAIG, TIMOTHY KELLOG, US
[72] TZITZILONIS, CHRISTOS, US
[72] JENSEN, LIV ELIZABETH, US
[72] PORTER, MARSHALL WINSTON, US
[72] CECH, CYNTHIA ANN, US
[72] YANG, ALEXANDER HYUN-MIN, UA
[71] F. HOFFMAN-LA ROCHE AG, CH
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[54] **HUMANIZED ANTI-HUMAN CD19 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI CD19 HUMAIN HUMANISES ET LEURS PROCEDES D'UTILISATION**
[72] GEORGES, GUY, DE
[72] MOESSNER, EKKEHARD, CH
[72] LARIVIERE, LAURENT, DE
[72] HAAS, ALEXANDER, DE
[72] KETTENBERGER, HUBERT, DE
[72] FERRARA KOLLER, CLAUDIA, CH
[72] SCHLOTHAUER, TILMAN, DE
[72] MOLHOJ, MICHAEL, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
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[54] **BRULEUR A CHAMBRES A AIR MULTIPLES AVEC GENERATEUR DE TOURBILLON**
[72] HERNANDEZ CRUZ, PEDRO, MX
[71] HERNANDEZ CRUZ, PEDRO, MX
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[25] EN
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[54] **ANTICORPS ANTI-PD-1 ET COMPOSITIONS**
[72] GALLER, GUNTHER, DK
[72] GAD, MONIKA, DK
[72] KOEFOED, KLAUS, DK
[72] HORAK, IVAN D., US
[72] BOUQUIN, THOMAS, DK
[72] KRAGH, MICHAEL, DK
[72] PEDERSEN, MIKKEL, DK
[71] SYMPHOGEN A/S, DK
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[25] EN
[54] **2-AMINOQUINAZOLINE DERIVATIVES AS P70S6 KINASE INHIBITORS**
[54] **DERIVES DE 2-AMINOQUINAZOLINE EN TANT QU'INHIBITEURS DE LA P70S6 KINASE**
[72] BOYLE, ROBERT GEORGE, GB
[72] WALKER, DAVID WINTER, GB
[71] SENTINEL ONCOLOGY LIMITED, GB
[85] 2018-03-29
[86] 2016-09-30 (PCT/EP2016/073489)
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[25] EN
[54] **PERFUME EMANATING DEVICE**
[54] **DISPOSITIF A EMANATION DE PARFUM**
[72] O'LEARY, NICHOLAS, US
[72] HURRY, SIMON, GB
[72] DAUGERON-JOUAULT, AUDE, FR
[72] BLUMIRE, JAMES, GB
[71] FIRMENICH SA, CH
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[54] **TETE DE TAILLE-BORDURE AVEC ELEMENTS POUR SIMPLIFIER LE CHARGEMENT DE LA LIGNE DE COUPE**
[72] ARNETOLI, FABRIZIO, IT
[71] ARNETOLI MOTOR S.R.L., IT
[85] 2018-03-29
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[25] EN
[54] **METHODS OF USING SMAD7 ANTISENSE OLIGONUCLEOTIDES BASED ON BIOMARKER EXPRESSION**
[54] **METHODES D'UTILISATION D'OLIGONUCLEOTIDES ANTISENS SMAD7 SUR LA BASE DE L'EXPRESSION DE BIOMARQUEURS**
[72] BELLINVIA, SALVATORE, CH
[72] MONTELEONE, GIOVANNI, IT
[72] BARDEN HORAN, GERALD SCOTT, US
[71] NOGRA PHARMA LIMITED, IE
[71] CELGENE ALPINE INVESTMENT COMPANY II, LLC, BM
[85] 2018-03-29
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[25] EN
[54] **MULTIFOCAL LENS AND METHOD FOR PRODUCING SAME**
[54] **LENTILLE MULTIFOCALE ET SON PROCEDE DE FABRICATION**
[72] LUX, KIRSTEN, AT
[72] PLANK, NICOLE, AT
[72] BREZNA, WOLFGANG, AT
[72] DRAGOSTINOFF, NIKOLAUS, AT
[71] RAYNER INTRAOCULAR LENSES LIMITED, GB
[85] 2018-03-29
[86] 2016-09-29 (PCT/EP2016/073349)
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[30] EP (15188049.9) 2015-10-02

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[25] EN
[54] **MULTIFOCAL LENS**
[54] **LENTILLE MULTIFOCALE**
[72] LUX, KIRSTEN, AT
[72] PLANK, NICOLE, AT
[72] BREZNA, WOLFGANG, AT
[72] DRAGOSTINOFF, NIKOLAUS, AT
[71] RAYNER INTRAOCULAR LENSES LIMITED, GB
[85] 2018-03-29
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[25] EN
[54] **METHOD OF MANUFACTURING A FROZEN CONFECTION WITH LOW SFA COATING AND PRODUCT OBTAINED**
[54] **PROCEDE DE FABRICATION D'UNE CONFISERIE CONGELEE AVEC ENROBAGE A FAIBLE TENEUR EN AGS ET PRODUIT OBTENU**
[72] RAY, JOYDEEP, CH
[72] SCHAFER, OLIVIER, CH
[72] BUCZKOWSKI, JOHANN, CH
[71] NESTEC S.A., CH
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[54] **ARRAY-TYPE FECAL OCCULT BLOOD DETECTION ANALYZER**
[54] **ANALYSEUR DE DETECTION DE SANG CACHE DANS LES SELLES DE TYPE RESEAU**
[72] WAN, JOHN, CN
[72] LI, ZEJIANG, CN
[71] W.H.P.M BIORESEARCH AND TECHNOLOGY CO., LTD., CN
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[54] **MECHATRONIC CIRCUIT-BREAKER DEVICE**
[54] **DISPOSITIF DISJONCTEUR MECATRONIQUE**
[72] DUPRAZ, JEAN-PIERRE, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-03-29
[86] 2016-10-12 (PCT/EP2016/074513)
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[51] **Int.Cl. G02C 7/02 (2006.01) A61F 9/02 (2006.01)**
[25] EN
[54] **EYEGLASSES WITH ONE-PIECE SHIELD AND METHOD FOR DESIGNING SAID SHIELD**
[54] **LUNETTES AVEC ECRAN D'UN SEUL TENANT ET PROCEDE DE CONCEPTION DUDIT ECRAN**
[72] SPRATT, RAY STEVEN, US
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[86] 2015-10-01 (PCT/EP2015/072713)
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[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **MINING DESIGN METHOD FOR NEAR-WHOLE ROCK UPPER PROTECTIVE LAYER IN COAL SEAM MINING**
[54] **PROCEDE DE CONCEPTION POUR L'EXPLOITATION MINIERE DE VEINE DE PROTECTION SUPERIEURE PROCHE DE LA ROCHE TOTALE POUR UTILISATION DANS L'EXPLOITATION MINIERE DE LIT DE CHARBON**
[72] ZHANG, JIXIONG, CN
[72] ZHANG, QIANG, CN
[72] SUN, QIANG, CN
[72] MEI, XIANCHENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-03-29
[86] 2016-11-18 (PCT/CN2016/106341)
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[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO THE PROTECTION OF POWER TRANSFORMERS**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A LA PROTECTION DE TRANSFORMATEURS DE PUISSANCE**
[72] HA, HENGXU, GB
[72] WENG, YU, GB
[72] BALAKRISHNAN, GAJENDIRAN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[25] EN
[54] **SPRINKLER HOUSING FOR A SPRINKLER, SPRINKLER FOR FIRE EXTINGUISHER SYSTEMS COMPRISING SAID SPRINKLER, AND USE THEREOF**
[54] **BOITIER DE GICLEUR D'INCENDIE POUR UN GICLEUR D'INCENDIE, AINSI QUE GICLEUR D'INCENDIE POUR DES INSTALLATIONS D'EXTINCTION D'INCENDIE DOTEES DUDIT GICLEUR ET SON UTILISATION**
[72] SCHNELL, STEFAN, DE
[72] RONNFELDT, FRANK, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-03-29
[86] 2016-10-04 (PCT/EP2016/073682)
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[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**
[25] EN
[54] **BLOOD PUMP**
[54] **POMPE D'ASSISTANCE CIRCULATOIRE**
[72] SIESS, THORSTEN, DE
[72] SPANIER, GERD, DE
[72] SCHUMACHER, JORG, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2018-03-29
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[25] EN
[54] **MALEIC ACID SALT OF A SILODOSIN INTERMEDIATE**
[54] **SEL D'ACIDE MALEIQUE D'UN INTERMEDIAIRE DE SILODOSINE**
[72] DEL RIO PERICACHO, JOSE LUIS, ES
[72] VILA TUSELL, XAVIER, ES
[71] URQUIMA, S.A, ES
[85] 2018-03-29
[86] 2016-09-29 (PCT/ES2016/070682)
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[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **PUMP, IN PARTICULAR BLOOD PUMP**
[54] **POMPE, NOTAMMENT POMPE D'ASSISTANCE CIRCULATOIRE**
[72] SIESS, THORSTEN, DE
[72] SCHECKEL, MARIO, DE
[72] SCHUMACHER, JORG, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2018-03-29
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[51] **Int.Cl. C23C 2/12 (2006.01)**
[25] EN
[54] **STEEL SHEET COATED WITH A METALLIC COATING BASED ON ALUMINUM AND COMPRISING TITANIUM**
[54] **TOLE D'ACIER REVETUE D'UN REVETEMENT METALLIQUE A BASE D'ALUMINIUM ET COMPRENANT DU TITANE**
[72] ALLELY, CHRISTIAN, FR
[72] MACHADO AMORIM, TIAGO, FR
[72] CORLU, BERIL, BE
[72] DE STRYCKER, JOOST, BE
[71] ARCELORMITTAL, LU
[85] 2018-03-29
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[87] (WO2017/060763)
[30] IB (PCT/IB2015/001773) 2015-10-05

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[51] **Int.Cl. F04B 9/113 (2006.01) F04F 13/00 (2009.01) F03B 17/02 (2006.01) F04B 23/02 (2006.01) F04B 47/00 (2006.01) F04F 7/00 (2006.01)**
[25] EN
[54] **LIQUID LIFTING DEVICE**
[54] **DISPOSITIF D'ELEVATION DE LIQUIDE**
[72] MELHUS, TROND, NO
[71] ENERGY HARVEST AS, NO
[85] 2018-03-29
[86] 2015-10-08 (PCT/EP2015/073298)
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[51] **Int.Cl. G01N 33/542 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **ANALYTE DETECTION WITH MULTIPLE SUBSTRATES**
[54] **DETECTION D'ANALYTE AVEC DE MULTIPLES SUBSTRATS**
[72] SHEEHAN, ANTONY JAMES, AU
[72] CROUCH, MICHAEL FRANCIS, AU
[71] TGR BIOSCIENCES PTY LTD., AU
[85] 2018-03-29
[86] 2016-09-30 (PCT/IB2016/001981)
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[30] US (62/236,676) 2015-10-02
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[51] **Int.Cl. E04F 13/14 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **ILLUMINATED CERAMIC TILE AND PRODUCTION METHOD**
[54] **CARREAU CERAMIQUE ECLAIRE ET PROCEDE DE FABRICATION**
[72] HAIDER, ALEXANDER, AT
[72] FISCHER, OLIVER, AT
[71] HOFER, ROBERT, AT
[71] CHRISTANDL, DIETER, AT
[71] CHRISTANDL, JOSEF, AT
[85] 2018-03-29
[86] 2016-09-26 (PCT/EP2016/001601)
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[25] EN
[54] **A METHOD OF MANUFACTURING A TEXTURED FOOD PRODUCT AND A TEXTURED FOOD PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE TEXTURE ET PRODUIT ALIMENTAIRE TEXTURE**
[72] KIVELA, REETTA, FI
[72] HAKAMIES, ANNA, FI
[72] JIANG, ZHONGQING, FI
[71] GOLD&GREEN FOODS OY, FI
[85] 2018-03-29
[86] 2016-10-13 (PCT/EP2016/074556)
[87] (WO2017/064172)
[30] EP (15190251.7) 2015-10-16
[30] US (15/229,290) 2016-08-05

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[51] **Int.Cl. H01M 2/10 (2006.01) H01G 11/00 (2013.01) H01G 9/00 (2006.01) H01M 10/42 (2006.01)**
[25] FR
[54] **ELECTRICAL ENERGY STORAGE MODULE AND METHOD FOR PRODUCING SAME**
[54] **MODULE DE STOCKAGE D'ENERGIE ELECTRIQUE ET SON PROCEDE DE FABRICATION**
[72] JUVENTIN, ANNE-CLAIRE, FR
[72] CAUMONT, OLIVIER, FR
[71] BLUE SOLUTIONS, FR
[85] 2018-03-29
[86] 2016-10-05 (PCT/EP2016/073762)
[87] (WO2017/060284)
[30] FR (1559425) 2015-10-05

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[25] EN
[54] **IN SITU CROSS-LINKABLE POLYSACCHARIDE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE POLYSACCHARIDE RETICULABLE SUR SITE ET LEURS UTILISATIONS**
[72] KRAUSE, ANDREAS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2018-03-29
[86] 2016-10-14 (PCT/EP2016/001710)
[87] (WO2017/063749)
[30] EP (15002953.6) 2015-10-16

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[51] **Int.Cl. C07C 51/41 (2006.01) A23L 33/165 (2016.01) A61K 31/295 (2006.01) A61K 33/26 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING CARBOXYLATE LIGAND MODIFIED FERRIC IRON HYDROXIDE COLLOIDS AND RELATED COMPOSITIONS AND USES**
[54] **PROCEDES DE PRODUCTION DE COLLOIDES D'HYDROXYDE DE FER FERRIQUE MODIFIES PAR DES LIGANDS CARBOXYLATE, AINSI QUE COMPOSITIONS ET UTILISATIONS CONNEXES**
[72] POWELL, JONATHAN JOSEPH, GB
[72] FARIA, NUNO JORGE RODRIGUES, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2018-03-29
[86] 2016-10-07 (PCT/EP2016/074022)
[87] (WO2017/060441)
[30] GB (1517893.2) 2015-10-09

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[51] **Int.Cl. D21C 5/02 (2006.01) D21H 19/40 (2006.01) D21H 19/44 (2006.01) D21H 19/52 (2006.01) D21H 19/54 (2006.01)**
[25] EN
[54] **PROCESS FOR THE DEINKING OF COATED PAPER OR PAPERBOARD**
[54] **PROCEDE DE DESENCRAGE DE PAPIER OU DE CARTON COUCHE**
[72] GANE, PATRICK A.C., CH
[72] RENTSCH, SAMUEL, CH
[72] WELKER, MATTHIAS, FR
[72] RIDGWAY, CATHERINE JEAN, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-03-29
[86] 2016-10-10 (PCT/EP2016/074129)
[87] (WO2017/063971)
[30] EP (15189268.4) 2015-10-12

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[51] **Int.Cl. A61K 39/085 (2006.01)**
[25] EN
[54] **IMMUNOGENIC COMPOSITIONS AGAINST S. AUREUS**
[54] **COMPOSITIONS IMMUNOGENES CONTRE S. AUREUS**
[72] DRIGUEZ, PIERRE-ALEXANDRE, FR
[72] GUILLO, NATHALIE, FR
[72] ROKBI, BACHRA, FR
[72] MISTRETTA, NOELLE, FR
[72] TALAGA, PHILIPPE, FR
[71] SANOFI PASTEUR, FR
[85] 2018-03-29
[86] 2016-10-13 (PCT/EP2016/074598)
[87] (WO2017/064190)
[30] EP (15306621.2) 2015-10-13

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[13] A1
[51] **Int.Cl. G09B 23/30 (2006.01) A61B 3/00 (2006.01) B23C 3/00 (2006.01) B26D 3/00 (2006.01) B26F 1/38 (2006.01)**
[25] EN
[54] **EYE MODEL**
[54] **MODELE OCULAIRE**
[72] ABRAHAM, MARIO, DE
[72] RIEDEL, PETER, DE
[71] NOVARTIS AG, CH
[85] 2018-03-29
[86] 2016-08-10 (PCT/IB2016/054828)
[87] (WO2017/077403)
[30] DE (102015014324.7) 2015-11-05

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS INSERTER**
[54] **DISPOSITIF D'INSERTION DE LENTILLE INTRAOCULAIRE**
[72] AULD, JACK ROBERT, US
[72] HUCULAK, JOHN CHRISTOPHER, US
[72] MCCAWLEY, MATTHEW DOUGLAS, US
[72] FLOWERS, MATTHEW BRADEN, US
[72] LESCOULIE, JAMES, US
[71] NOVARTIS AG, CH
[85] 2018-03-29
[86] 2016-08-02 (PCT/IB2016/054657)
[87] (WO2017/072599)
[30] US (62/249,185) 2015-10-31
[30] US (15/072,023) 2016-03-16

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[13] A1
[51] **Int.Cl. A61F 9/009 (2006.01)**
[25] EN
[54] **MODULAR PATIENT ADAPTER FOR AN EYE LASER DEVICE**
[54] **ADAPTATEUR DE PATIENT MODULAIRE POUR DISPOSITIF LASER OCULAIRE**
[72] DEISINGER, THOMAS, DE
[72] THIMM, DANIEL, DE
[71] NOVARTIS AG, CH
[85] 2018-03-29
[86] 2016-08-24 (PCT/IB2016/055058)
[87] (WO2017/081557)
[30] EP (15003210.0) 2015-11-10

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[51] **Int.Cl. B64D 31/00 (2006.01) B64D 43/00 (2006.01) B64D 45/00 (2006.01) G01D 7/08 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR PRESENTING AN OPERATING STATUS OF AN AIRCRAFT ENGINE**
[54] **PROCEDE ET SYSTEME POUR LA PRESENTATION D'UN ETAT DE FONCTIONNEMENT D'UN MOTEUR D'AERONEF**
[72] DANIELSON, MICHAEL DWIGHT, CA
[72] GALLEA, MATHIEU, CA
[71] BOMBARDIER INC., CA
[85] 2018-03-29
[86] 2016-09-22 (PCT/IB2016/055673)
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[30] US (62/234,726) 2015-09-30

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[51] **Int.Cl. H01M 10/0563 (2010.01) H01M 4/13 (2010.01) H01G 11/58 (2013.01) H01M 4/04 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SECONDARY CELLS FOR HIGH-ENERGY OR HIGH-POWER BATTERY USE**
[54] **BATTERIES SECONDAIRES ELECTROCHIMIQUES POUR L'UTILISATION D'UNE BATTERIE A HAUTE ENERGIE OU DE PUISSANCE ELEVEE**
[72] KOVACS, ANDRAS, FI
[72] ALASAARELA, TAPANI, FI
[72] BROWN, DAVID, FI
[72] RUIZ-MARTINEZ, DEBORA, ES
[72] ORTS-MATEO, JOSE MANUEL, ES
[72] GOMEZ-TORREGROSA, ROBERTO, ES
[71] BROADBIT BATTERIES OY, FI
[85] 2018-03-29
[86] 2016-03-04 (PCT/FI2016/050133)
[87] (WO2017/055678)
[30] FI (20150270) 2015-09-30

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **TRISPECIFIC MOLECULE COMBINING SPECIFIC TUMOR TARGETING AND LOCAL IMMUNE CHECKPOINT INHIBITION**
[54] **MOLECULE TRISPECIFIQUE COMBINANT UN CIBLAGE DE TUMEUR SPECIFIQUE ET UNE INHIBITION DE POINT DE CONTROLE IMMUNITAIRE LOCALE**
[72] HOPFNER, KARL-PETER, DE
[72] SUBKLEWE, MARION, DE
[72] MAGAUER, NADINE, DE
[72] FENN, NADJA, DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
[85] 2018-03-29
[86] 2016-11-09 (PCT/EP2016/077174)
[87] (WO2017/081101)
[30] EP (15193711.7) 2015-11-09

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[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/157 (2006.01) A61M 1/02 (2006.01)**
[25] EN
[54] **BIOMEDICAL CONTAINER TO COLLECT AND TEST BLOOD OR A BLOOD COMPONENT**
[54] **RECIPIENT BIOMEDICAL POUR COLLECTER ET ANALYSER DU SANG OU UN CONSTITUANT SANGUIN**
[72] IANNINI, ROCCO, IT
[71] IANNINI, ROCCO, IT
[71] PACE, CINZIA, IT
[85] 2018-03-29
[86] 2016-09-26 (PCT/IB2016/055749)
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[51] **Int.Cl. C07D 405/12 (2006.01)**
[25] EN
[54] **NOVEL FORMS OF LUMACAFTOR AND PROCESSES FOR THE PREPARATION THEREOF**
[54] **NOUVELLES FORMES DE LUMACAFTOR ET LEURS PROCEDES DE PREPARATION**
[72] JETTI, RAMAKOTESWARA RAO, IN
[72] MANDE, HEMANT MALHARI, IN
[72] INDUKURI, ANJANEYARAJU, IN
[72] AGGIRAMIREDDY, BOMMAREDDY, IN
[72] BHAGAVATULA, NEELIMA, IN
[72] SINGH, AMIT, IN
[72] GHOSH, SOUMYAJIT, IN
[72] SRINIVASARAO, ATTANTI VEERA VENKATA, IN
[72] TUMMALAPALLI, UMASANKARA SASTRY, IN
[72] GOSULA, VEERA VENKATA SATYA SURYA APPALA NARASIMHA TATAJI, IN
[71] MYLAN LABORATORIES LIMITED, IN
[85] 2018-03-29
[86] 2016-09-28 (PCT/IN2016/050326)
[87] (WO2017/056109)
[30] IN (5209/CHE/2015) 2015-09-29
[30] IN (201641007085) 2016-03-01

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[13] A1
[51] **Int.Cl. E01C 13/02 (2006.01)**
[25] EN
[54] **ARTIFICIAL TURF SYSTEM WITH FORCED AIRFLOW**
[54] **SYSTEME DE GAZON ARTIFICIEL AVEC FLUX D'AIR FORCE**
[72] WIJERS, BART, NL
[71] TEN CATE THIOLON B.V., NL
[85] 2018-03-29
[86] 2016-09-30 (PCT/NL2016/050674)
[87] (WO2017/058018)
[30] NL (2015543) 2015-10-02

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[51] **Int.Cl. G06Q 10/08 (2012.01) G07F 9/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING WASTAGE OF FRESH PRODUCE IN RETAIL STORES**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LE GASPILLAGE DE DENREES FRAICHES DANS LES MAGASINS DE VENTE AU DETAIL**
[72] FEINER, GIDEON, IL
[71] POLYMER LOGISTICS (ISRAEL) LTD., IL
[85] 2018-03-29
[86] 2016-09-15 (PCT/IL2016/051027)
[87] (WO2017/068569)
[30] US (14/920,915) 2015-10-23

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[51] **Int.Cl. B65D 57/00 (2006.01)**
[25] EN
[54] **LAYER PAD**
[54] **COUCHE TAMPON**
[72] JOWETT, LEIGH, GB
[72] BAKER, MARTIN LESLIE, GB
[72] DAVIS, LUKE, GB
[72] DEAKIN, ROBERT, GB
[71] LOADHOG LIMITED, GB
[85] 2018-03-29
[86] 2016-10-07 (PCT/GB2016/000182)
[87] (WO2017/060666)
[30] GB (1517932.8) 2015-10-09
[30] GB (1616996.3) 2016-10-06

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[51] **Int.Cl. H02J 7/14 (2006.01) H02J 7/00 (2006.01) H02J 7/02 (2016.01) H02J 7/34 (2006.01)**
[25] EN
[54] **VEHICLE POWER SUPPLY CONTROL METHOD AND VEHICLE POWER SUPPLY CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE DE VEHICULE ET DISPOSITIF DE COMMANDE D'ALIMENTATION ELECTRIQUE DE VEHICULE**
[72] KOISHI, AKIFUMI, JP
[72] TAHARA, MASAHIKO, JP
[72] TEZUKA, ATSUSHI, JP
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] TSUCHIYA, TERUMASA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-29
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[51] **Int.Cl. H02P 27/06 (2006.01)**
[25] EN
[54] **ELECTRIC POWER CONTROL METHOD AND ELECTRIC POWER CONTROL DEVICE**
[54] **PROCEDE ET DISPOSITIF DE REGULATION D'ALIMENTATION**
[72] KAWAMURA, HIROMICHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[86] 2015-09-30 (PCT/JP2015/077807)
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[54] **WASTEWATER TREATMENT SYSTEM AND WASTEWATER TREATMENT METHOD**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DES EAUX USEES**
[72] SHITARA, MORIYOSHI, JP
[72] TAKAHASHI, MANABU, JP
[72] NAKAHATA, YUUSUKE, JP
[71] HUENS CO., LTD., JP
[71] HUENS GLOBAL PTE. LTD., SG
[85] 2018-03-29
[86] 2015-10-02 (PCT/JP2015/078117)
[87] (WO2017/056325)

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[25] EN
[54] **STAINLESS STEEL PIPE WITH EXCELLENT CORROSION RESISTANCE AND MANUFACTURING METHOD THEREOF**
[54] **TUBE D'ACIER INOXYDABLE DOTE D'UNE EXCELLENTE RESISTANCE A LA CORROSION, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] SAIDA, TOMOAKI, JP
[72] TAI, YOSHIKAZU, JP
[72] IMAKAWA, KAZUNARI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-03-29
[86] 2016-09-06 (PCT/JP2016/076142)
[87] (WO2017/061215)
[30] JP (2015-197977) 2015-10-05

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[25] EN
[54] **METHOD FOR PRODUCING RUTHENIUM COMPLEX**
[54] **PROCEDE DE PRODUCTION D'UN COMPLEXE DE RUTHENIUM**
[72] NAKAYAMA, YUJI, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
[85] 2018-03-29
[86] 2016-09-09 (PCT/JP2016/076564)
[87] (WO2017/056916)
[30] JP (2015-193552) 2015-09-30

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[51] **Int.Cl. G02B 25/02 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **VISUAL AID APPARATUS**
[54] **APPAREIL D'AIDE VISUELLE**
[72] SCHUTTINGER, ALFRED, DE
[71] A. SCHWEIZER GMBH OPTISCHE FABRIK, DE
[85] 2018-03-29
[86] 2016-09-12 (PCT/EP2016/071448)
[87] (WO2017/063802)
[30] DE (10 2015 117 403.0) 2015-10-13

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[51] **Int.Cl. A47F 3/14 (2006.01) A47F 5/10 (2006.01) A47F 3/04 (2006.01)**
[25] EN
[54] **A PORTABLE STAND**
[54] **SUPPORT PORTABLE**
[72] GREENSMITH, BRADLEY, GB
[72] AYRE, MICHAEL EDWIN, GB
[71] SAFETYPOINT (MIDLANDS) LIMITED, GB
[85] 2018-03-29
[86] 2016-09-26 (PCT/GB2016/052989)
[87] (WO2017/060674)
[30] GB (1517627.4) 2015-10-06

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **ABSORBENT LIQUID FOR CO2 AND/OR H2S, AND APPARATUS AND METHOD USING SAME**
[54] **LIQUIDE ABSORBANT POUR CO2 ET/OU H2S, ET APPAREIL ET PROCEDE L'UTILISANT**
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KONDO, MASAMI, JP
[72] KAMIJO, TAKASHI, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] THE KANSAI ELECTRIC POWER CO., INC., JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
[85] 2018-03-29
[86] 2016-09-23 (PCT/JP2016/077987)
[87] (WO2017/057179)
[30] JP (2015-194102) 2015-09-30

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[25] EN
[54] **SECURITY PRINT MEDIA AND METHOD OF MANUFACTURE THEREOF**
[54] **SUPPORT D'IMPRESSION DE SECURITE ET SON PROCEDE DE FABRICATION**
[72] KEEN, ALAN, GB
[72] BAKER, MALCOLM, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2018-03-29
[86] 2016-09-27 (PCT/GB2016/052996)
[87] (WO2017/055823)
[30] GB (1517150.7) 2015-09-29

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[25] EN
[54] **VISCOELASTIC COMPOSITION**
[54] **COMPOSITION VISCOELASTIQUE**
[72] YANO, TOMONORI, JP
[72] OHHATA, ATSUSHI, JP
[72] GOTO, TOSHIHIRO, JP
[72] HIRAKI, YUJI, JP
[71] JICHI MEDICAL UNIVERSITY, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2018-03-29
[86] 2016-09-28 (PCT/JP2016/078704)
[87] (WO2017/057504)
[30] JP (2015-195105) 2015-09-30

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[25] EN
[54] **SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] GODFREY, JOHN, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2018-03-29
[86] 2016-09-27 (PCT/GB2016/053000)
[87] (WO2017/055827)
[30] GB (1517401.4) 2015-10-02

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[25] EN
[54] **RECIPROCATING IMPACT HAMMER**
[54] **MARTEAU A IMPACT ET A VA-ET-VIENT**
[72] ROBSON, ANGUS, NZ
[71] ROBSON, ANGUS, NZ
[85] 2018-03-29
[86] 2016-10-05 (PCT/NZ2016/050164)
[87] (WO2017/061880)
[30] NZ (712986) 2015-10-05

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[51] **Int.Cl. A61K 39/39 (2006.01) C12N 15/117 (2010.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/47 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **NUCLEIC ACID DERIVATIVE HAVING IMMUNOSTIMULATORY ACTIVITY**
[54] **DERIVE D'ACIDE NUCLEIQUE A ACTIVITE IMMUNOSTIMULANTE**
[72] KUGIMIYA, AKIRA, JP
[72] TANINO, TETSUYA, JP
[72] SEKIGUCHI, MITSUAKI, JP
[72] MITSUOKA, YASUNORI, JP
[72] KURODA, NORIKAZU, JP
[72] NAKAMURA, JUN, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2018-03-29
[86] 2016-09-29 (PCT/JP2016/078765)
[87] (WO2017/057540)
[30] JP (2015-192565) 2015-09-30

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[25] EN
[54] **CONTROL DEVICE FOR VEHICLE AND CONTROL METHOD FOR VEHICLE**
[54] **DISPOSITIF DE CONTROLE DESTINE A UN VEHICULE ET METHODE DE CONTROLE D'UN VEHICULE**
[72] NISHIHIRO,YOSHIMASA, JP
[72] NAKASAKI, MASAYOSHI, JP
[72] KOBAYASHI, NAOKI, JP
[72] OOTA, YUSUKE, JP
[72] OHSHIO, SHINTARO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-29
[86] 2016-09-30 (PCT/JP2016/078997)
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[30] JP (2015-196489) 2015-10-02

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[25] EN
[54] **ADHESIVE POLYMER AND MEDICAL ADHESIVE PATCH**
[54] **POLYMERE ADHESIF ET TIMBRE ADHESIF MEDICAL**
[72] KAWAKAMI, SATOSHI, JP
[72] SOGABE, MANABU, JP
[72] SHIBATA, TAIKI, JP
[72] HORIKAWA, YASUSHI, JP
[72] HASEGAWA, HIROAKI, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2018-03-29
[86] 2016-09-30 (PCT/JP2016/079056)
[87] (WO2017/057693)
[30] JP (2015-193844) 2015-09-30

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[51] **Int.Cl. G01D 5/353 (2006.01) G01D 21/02 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **MONITORING PROBE**
[54] **SONDE DE SURVEILLANCE**
[72] COONROD, DONALD SCOTT, US
[72] STAVELEY, CHRISTOPHER, GB
[71] SMART FIBRES LIMITED, GB
[85] 2018-03-29
[86] 2016-09-27 (PCT/GB2016/053004)
[87] (WO2017/055831)
[30] GB (1517452.7) 2015-10-02

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[51] **Int.Cl. A01N 63/00 (2006.01) A61K 35/74 (2015.01)**
[25] EN
[54] **USE OF PECTIN OR PECTIN-RELATED SACCHARIDES TO ENHANCE EFFICACY OF PLANT GROWTH-PROMOTING RHIZOBACTERIA (PGPR) STRAINS FOR PROMOTING GROWTH AND HEALTH IN PLANTS AND ANIMALS**
[54] **UTILISATION DE PECTINE OU DE SACCHARIDES LIES A LA PECTINE POUR AMELIORER L'EFFICACITE DE SOUCHES DE RHIZOBACTERIES FAVORISANT LA CROISSANCE DE PLANTE (PGPR) POUR FAVORISER LA CROISSANCE ET LA SANTE DE PLANTES ET D'ANIMAUX**
[72] LILES, MARK R., US
[72] KLOEPPER, JOSEPH, US
[71] AUBURN UNIVERSITY, US
[85] 2018-03-29
[86] 2015-09-30 (PCT/US2015/053239)
[87] (WO2016/054222)
[30] US (62/057,667) 2014-09-30

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[25] EN
[54] **FUNGICIDE COMPOSITION_FOR AGRICULTURAL AND HORTICULTURAL USE**
[54] **COMPOSITION FONGICIDE POUR L'AGRICULTURE ET L'HORTICULTURE**
[72] NISHIMURA, SATOSHI, JP
[72] FUJII, TAKAYUKI, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2018-03-29
[86] 2016-10-05 (PCT/JP2016/079654)
[87] (WO2017/061483)
[30] JP (2015-201240) 2015-10-09

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[51] **Int.Cl. H04M 7/00 (2006.01) H04M 1/00 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VOICE CALL SETUP**
[54] **SYSTEME ET PROCEDE D'ETABLISSEMENT D'UN APPEL VOCAL**
[72] DAHLQVIST, JOHAN, SE
[72] PRETO, VASCO, SE
[72] KAMINSKI, ANDREW, SE
[72] KYRITSIS, THOMAS, SE
[72] LINDHE, PAR, SE
[72] SKOGLUND, THOMAS, SE
[72] KUMAR, SURESH, SE
[72] MORTAZAVI, AMIR, SE
[72] CONNOR, CHRISTOPHER, SE
[71] REBTEL NETWORKS AB, SE
[85] 2018-03-29
[86] 2016-09-27 (PCT/SE2016/050913)
[87] (WO2017/058083)
[30] EP (15187613.3) 2015-09-30

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[13] A1
[51] **Int.Cl. B66B 9/08 (2006.01)**
[25] EN
[54] **LIFT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MONTEE**
[72] JAKES, JOHN STEWART, MC
[72] HOLDSTOCK, KEITH, GB
[71] ACORN MOBILITY SERVICES LIMITED, GB
[85] 2018-03-29
[86] 2016-09-29 (PCT/GB2016/053031)
[87] (WO2017/055849)
[30] GB (1517307.3) 2015-09-30
[30] GB (1611312.8) 2016-06-29

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[51] **Int.Cl. G01N 33/569 (2006.01) C07D 333/10 (2006.01)**
[25] EN
[54] **DETECTION OF MICROBIAL PEPTIDES**
[54] **DETECTION DE PEPTIDES MICROBIENS**
[72] RICHTER DAHLFORS, AGNETA, SE
[72] LIBBERTON, ANDREW BENJAMIN, SE
[72] NILSSON, PETER, SE
[72] BACK, MARCUS, SE
[72] LOFFLER, SUSANNE, SE
[72] SHIRANI BIDABADI, HAMID, SE
[72] CHOONG, XIANKENG, SE
[72] ANTYPAS, CHARALAMPOS, SE
[71] RICHTER LIFE SCIENCE DEVELOPMENT AB, SE
[85] 2018-03-29
[86] 2016-09-28 (PCT/SE2016/050919)
[87] (WO2017/058085)
[30] SE (1551259-3) 2015-10-01

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[13] A1
[51] **Int.Cl. C10L 1/32 (2006.01) A01N 33/00 (2006.01)**
[25] EN
[54] **EMULSION FOR INHIBITING THE GROWTH OF MICROORGANISMS**
[54] **EMULSION VISANT A INHIBER LE DEVELOPPEMENT DE MICROORGANISMES**
[72] HOPE, PAUL, GB
[71] VIRUSTATIC LIMITED, GB
[85] 2018-03-29
[86] 2016-09-30 (PCT/GB2016/053059)
[87] (WO2017/055874)
[30] GB (1517301.6) 2015-09-30
[30] GB (1522235.9) 2015-12-16

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING PROBATIVE SAMPLES AND ISOLATION AND QUANTITATION OF CELLS**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION D'ECHANTILLONS PROBANTS ET D'ISOLEMENT ET DE QUANTIFICATION DE CELLULES**
[72] KLEVAN, LEONARD, US
[72] DEMIRCI, UTKAN, US
[72] INCI, FATIH, US
[71] DXNOW INC., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] KLEVAN, LEONARD, US
[71] DEMIRCI, UTKAN, US
[71] INCI, FATIH, US
[85] 2018-03-29
[86] 2015-09-30 (PCT/US2015/053370)
[87] (WO2016/054295)
[30] US (62/058,072) 2014-09-30

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 17/02 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **COMMUNICATIVE COUPLER FOR A WELL SYSTEM**
[54] **COUPLEUR DE COMMUNICATION POUR UN SYSTEME DE PUITS**
[72] DECOSTA, ROBERT JOHN, JR., US
[71] INTELLISERV INTERNATIONAL HOLDING, LTD., KY
[85] 2018-03-29
[86] 2015-10-01 (PCT/US2015/053422)
[87] (WO2017/058230)

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[13] A1
[51] **Int.Cl. F03G 7/04 (2006.01)**
[25] EN
[54] **HEAT PUMP-REINFORCED SALINITY-GRADIENT POWER GENERATION DEVICE USING THE VAPOR-PRESSURE DIFFERENCE ENERGY METHOD UNDER POSITIVE TEMPERATURE DIFFERENCE**
[54] **APPAREIL DE GENERATION DE PUISSANCE A GRADIENT DE SALINITE RENFORCE PAR UNE POMPE THERMIQUE EMPLOYANT LA METHODE D'ENERGIE DE DIFFERENTIEL VAPEUR-PRESSION EN CONDITION DE DIFFERENCE THERMIQUE POSITIVE**
[72] WANG, HUANGUANG, CN
[72] YAN, WENJIE, CN
[72] XIN, YI, CN
[72] WU, DI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-03-29
[86] 2016-12-12 (PCT/CN2016/109365)
[87] (WO2017/190505)
[30] CN (201610299058.X) 2016-05-06

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[51] **Int.Cl. C25D 5/00 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR THE ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE**
[54] **MATERIAUX ET PROCEDES POUR LA REDUCTION ELECTROCHIMIQUE DU DIOXYDE DE CARBONE**
[72] CO, ANNE, US
[72] BILLY, JOSHUA, US
[72] COLEMAN, ERIC, US
[72] WALZ, KENDAHL, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2018-03-29
[86] 2015-10-01 (PCT/US2015/053532)
[87] (WO2016/054400)
[30] US (62/058,121) 2014-10-01

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[51] **Int.Cl. G01N 33/53 (2006.01) C12N 15/115 (2010.01) G01N 33/58 (2006.01)**
[25] EN
[54] **QUENCHER CONTAINING WATER-SOLUBLE POLYMER-CONJUGATED NANOMATERIAL AND USE THEREOF**
[54] **EXTINCTEUR CONTENANT UN NANOMATERIAU CONJUGUE A UN POLYMERE SOLUBLE DANS L'EAU ET SON UTILISATION**
[72] WON, CHEOLHEE, KR
[72] MIN, DAL-HEE, KR
[71] LEMONEX INC., KR
[85] 2018-03-29
[86] 2016-06-15 (PCT/KR2016/006355)
[87] (WO2017/057823)
[30] KR (10-2015-0139174) 2015-10-02

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[51] **Int.Cl. C25B 11/02 (2006.01) A01N 59/08 (2006.01) A01P 1/00 (2006.01) C25B 1/06 (2006.01) C25B 1/24 (2006.01) C25B 1/30 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **ELECTROLYTIC PRODUCTION OF HALOGEN BASED DISINFECTANT SOLUTIONS FROM WATERS CONTAINING HALIDES AND AMMONIA**
[54] **PRODUCTION ELECTROLYTIQUE DE SOLUTIONS DESINFECTANTES A BASE D'HALOGENE A PARTIR D'EAUX CONTENANT DES HALOGENURES ET DE L'AMMONIAQUE**
[72] BOAL, ANDREW KISKADDEN, US
[72] SANCHEZ, JUSTIN, US
[72] SANTILLANES, MATTHEW RONALD, US
[71] JOHNSON PATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2018-03-29
[86] 2016-10-06 (PCT/GB2016/053106)
[87] (WO2017/060703)
[30] US (62/237,959) 2015-10-06
[30] US (62/348,106) 2016-06-09

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[51] **Int.Cl. A61K 31/551 (2006.01) A61K 31/453 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF CDK9 AND BRD4 INHIBITORS TO INHIBIT INFLAMMATION**
[54] **UTILISATION D'INHIBITEURS DE CDK9 ET D'INHIBITEURS DE BRD4 POUR INHIBER UNE INFLAMMATION**
[72] HAUDENSCHILD, DOMINIK, US
[72] YIK, JASPER, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-03-29
[86] 2015-10-13 (PCT/US2015/055394)
[87] (WO2016/061144)
[30] US (62/063,839) 2014-10-14

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[51] **Int.Cl. A61K 47/40 (2006.01) A61K 9/00 (2006.01) A61K 31/4704 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **NOVEL OPHTHALMIC COMPOSITION COMPRISING REBAMIPIDE AND METHOD FOR PREPARING THE SAME**
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE COMPRENANT DU REBAMIPIDE ET SON PROCEDE DE PREPARATION**
[72] CHO, EUI-HWAN, KR
[72] CHOI, SUNG-JU, KR
[72] LEE, SUNG-WOO, KR
[72] SHIN, HEE-JONG, KR
[72] KI, MIN-HYO, KR
[72] CHOI, MEE-HWA, KR
[72] LEE, DONG-HA, KR
[71] SAMJIN PHARMACEUTICAL CO., LTD., KR
[85] 2018-03-29
[86] 2016-09-30 (PCT/KR2016/011015)
[87] (WO2017/057973)
[30] KR (10-2015-0138349) 2015-10-01

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[51] **Int.Cl. H02B 1/01 (2006.01) H02B 1/30 (2006.01)**
[25] EN
[54] **RACK FOR A SWITCHGEAR CABINET ARRANGEMENT**
[54] **BATI POUR SYSTEME D'ARMOIRE DE DISTRIBUTION**
[72] REUTER, WOLFGANG, DE
[72] SCHINDLER, TIMO, DE
[72] MULLER, MATTHIAS, DE
[71] RITTAL GMBH & CO. KG, DE
[85] 2018-03-29
[86] 2016-09-21 (PCT/DE2016/100441)
[87] (WO2017/092727)
[30] DE (10 2015 121 193.9) 2015-12-04

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[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/187 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01) H04N 19/65 (2014.01) H04L 1/00 (2006.01)**
[25] EN
[54] **RECEIVING APPARATUS AND DECODING METHOD THEREOF**
[54] **APPAREIL DE RECEPTION ET PROCEDE DE DECODAGE CORRESPONDANT**
[72] PARK, JUNG-HYUN, KR
[72] YU, JUNG-PIL, KR
[72] JUNG, SUNG-KYU, KR
[72] CHOI, CHANG-HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHOD AND APPARATUS FOR FAST ECONOMIC ANALYSIS OF PRODUCTION OF FRACTURE-STIMULATED WELLS**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE ANALYSE ECONOMIQUE RAPIDE DE PRODUCTION DE PUITS STIMULES PAR FRACTURATION**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[72] JIA, XINLI, US
[71] LANDMARK GRAPHICS CORPORATON, US
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[54] **PD-1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PD-1 ET SES UTILISATIONS**
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[72] SHAO, KE, SG
[71] ASIA BIOTECH PTE. LTD., SG
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[54] **TISSU CONDUCTEUR, PROCEDE DE FABRICATION DE TISSU CONDUCTEUR ET APPAREIL CONNEXE**
[72] SWALLOW, STANLEY SHIGEZO, GB
[72] THOMPSON, ASHA PETA, GB
[71] INTELLIGENT TEXTILES LIMITED, GB
[85] 2018-03-29
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[54] **COLLECTEUR DE SOUPAPE MONTE EN SERIE A UN ENSEMBLE SYSTEME DE COMMANDE REPARTI**
[72] DE CAROLIS, ENRICO, US
[72] ESKEW, JOHN F., US
[72] WELLS, GREGORY A., US
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[54] **THREE-DIMENSIONAL GEOMECHANICAL MODELING OF CASING DEFORMATION FOR HYDRAULIC FRACTURING TREATMENT DESIGN**
[54] **MODELISATION TRIDIMENSIONNELLE DE DEFORMATION DE CUVELAGE POUR UNE CONCEPTION DE TRAITEMENT DE FRACTURATION HYDRAULIQUE**
[72] SHEN, XINPU, US
[72] STANDIFIRD, WILLIAM, US
[72] SHEN, GUOYANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-29
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[25] EN
[54] **WELLBORE ISOLATION DEVICES WITH DEGRADABLE SLIPS AND SLIP BANDS**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE DOTE DE CALES ET DE BANDES DE CALAGE DEGRADABLES**
[72] WALTON, ZACHARY WILLIAM, US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MEASUREMENT CONTROL OF WIRELESS COMMUNICATION DEVICES FOR CELL RANGE EXTENSION**
[54] **COMMANDE DE MESURE DE DISPOSITIFS DE COMMUNICATION SANS FIL POUR EXTENSION DE PORTEE DE CELLULE**
[72] PERSSON, MAGNUS, SE
[72] SUN, YING, SE
[72] NORDSTROM, BJORN, SE
[72] THORESEN, PER, SE
[72] SAADATI, AMIR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **TEST SYSTEM AND METHOD FOR ROAD SURFACE ENERGY HARVESTING**
[54] **SYSTEME ET PROCEDE D'ESSAIS DE RECUPERATION D'ENERGIE A LA SURFACE D'UNE ROUTE**
[72] PENG, YUXING, CN
[72] WANG, YADONG, CN
[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] SHI, ZHIYUAN, CN
[72] CAO, GUOHUA, CN
[72] LIU, SONGYONG, CN
[72] LI, WEI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **MODELE DE SIGNAL DE SYNCHRONISATION DE TYPE TABLE RASE ET ALGORITHMES DE RECHERCHE DE CELLULE**
[72] LEI, JING, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[72] WANG, XIAOFENG, US
[72] CHEN, WANSHI, US
[72] WEI, YONGBIN, US
[72] MONTOJO, JUAN, US
[72] RICO ALVARINO, ALBERTO, US
[71] QUALCOMM INCORPORATED, US
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[54] **ELECTRO ACOUSTIC TECHNOLOGY SEISMIC DETECTION SYSTEM WITH DOWN-HOLE SOURCE**
[54] **SYSTEME DE DETECTION SISMIQUE UTILISANT UNE TECHNOLOGIE ELECTROACOUSTIQUE TECHNOLOGIE ET UNE SOURCE DE FOND**
[72] JAASKELAINEN, MIKKO, US
[72] PARK, BRIAN V., US
[72] WARPINSKI, NORMAN R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DRAPER BELT HAVING IMPROVED CLEAT DESIGN**
[54] **COURROIE DE TULOTEUSE AYANT UNE CONFIGURATION DE TASSEAUX AMELIOREE**
[72] JOHNSON, DAVID, US
[71] CONTITECH TRANSPORTBANDSYSTEME GMBH, DE
[71] JOHNSON, DAVID, US
[85] 2018-03-29
[86] 2016-09-12 (PCT/US2016/051218)
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[54] **METHODS OF TREATING CANCER USING COMPOSITIONS OF ANTIBODIES AND CARRIER PROTEINS WITH ANTIBODY PRETREATMENT**
[54] **PROCEDES DE TRAITEMENT DE CANCER UTILISANT DES COMPOSITIONS D'ANTICORPS ET DES PROTEINES PORTEUSES AVEC UN PRETRAITEMENT D'ANTICORPS**
[72] SWISS, GERALD F., US
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] NANTIBODYFC, LLC, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[54] **COMPOSITIONS AND METHODS FOR IMPROVED ABRASION RESISTANCE OF POLYMERIC COMPONENTS**
[54] **COMPOSITIONS ET PROCEDES POUR OBTENIR UNE RESISTANCE A L'ABRASION AMELIOREE DE COMPOSANTS POLYMERES**
[72] AGARWAL, DHRUV, US
[72] JANDRIS, LOUIS JAY, US
[71] ALBANY INTERNATIONAL CORP., US
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[54] **SHACKLE PIN SPLIT NUT ASSEMBLY**
[54] **ENSEMBLE ECROU FENDU POUR AXE DE MANILLE**
[72] VERBRUGGE, PETER, US
[71] THE CROSBY GROUP LLC, US
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[54] **PULL-OUT FAUCET HOSE RETRACTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RETRACTION DE TUYAU DE ROBINET EXTRACTIBLE**
[72] PITSCH, WALTER, US
[72] LI, HSIAO CHANG, US
[71] AS IP HOLDCO, LLC, US
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[54] **SYSTEM AND METHOD FOR CREATING DYNAMIC ADVERTISEMENTS**
[54] **SYSTEME ET PROCEDE DE CREATION DE PUBLICITES DYNAMIQUES**
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[72] WOLF, LAURA, US
[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
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[54] **LUTTE CONTRE LES MENACES DE RESEAU DEFINI PAR LOGICIEL**
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[72] RAJAGOPAL, ARUN, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[71] THE COCA-COLA COMPANY, US
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[54] **SYSTEME POUR STIMULER UN PUITS**
[72] PETER, KRIS CLEVEN, CA
[71] ANTONSEN, ROGER, US
[85] 2018-03-29
[86] 2016-09-28 (PCT/US2016/054147)
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[54] **INHIBITION OF AUTISM SPECTRUM DISORDER USING DECOY ANTIGENS TO MATERNAL BRAIN-REACTIVE ANTIBODIES**
[54] **INHIBITION DU TROUBLE DU SPECTRE AUTISTIQUE AU MOYEN D'ANTIGENES LEURRES DIRIGES CONTRE LES ANTICORPS MATERNELS REACTIFS DANS LE CERVEAU**
[72] DIAMOND, BETTY A., US
[72] MADER, SIMONE, US
[72] BRIMBERG, LIOR, US
[72] GREGERSEN, PETER, US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
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[54] **REGENERATION DE MATERIAU DE CRIBLAGE UTILISE POUR LE TRAITEMENT DE GAZ NATUREL**
[72] KENNEDY, DAVID ALLEN, US
[72] ZIGTEMA, JOHN RAYMOND, US
[71] GE OIL & GAS, INC., US
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[54] **TRAITEMENT DE BAIN DE GRAVURE**
[72] HERDMAN, RODERICK D., GB
[72] PEARSON, TREVOR, GB
[72] CHAPANERI, ROSHAN V., GB
[71] MACDERMID ACUMEN, INC., US
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[54] **TRIPTYCENE DERIVATIVES FOR NUCLEIC ACID JUNCTION STABILIZATION**
[54] **DERIVES DE TRIPTYCENE POUR STABILISER DES JONCTIONS D'ACIDE NUCLEIQUE**
[72] CHENOWETH, DAVID M., US
[72] BARROS, STEPHANIE A., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **THALIDOMIDE ANALOGS AND METHODS OF USE**
[54] **ANALOGUES DE LA THALIDOMIDE ET LEURS PROCEDES D'UTILISATION**
[72] GREIG, NIGEL H., US
[72] LUO, WEIMING, US
[72] TWEEDIE, DAVID, US
[72] VARGESSON, NEIL, GB
[72] BEEDIE, SHAUNNA, GB
[72] FIGG, WILLIAM DOUGLAS, US
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[54] **SYSTEME DE STABILISATION D'INSUFFLATION**
[72] SIAS, RALPH, US
[72] DO, ALEXANDRA, US
[72] POULSEN, NIKOLAI, US
[72] PRAVONG, BOUN, US
[72] PRAVONGVIENGKHAM, KENNII, US
[72] MCMORROW, TIMOTHY, US
[72] MILES, W.F. ANTHONY, GB
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **CAES COMBUSTOR TEST FACILITY**
[54] **INSTALLATION POUR ESSAI DE CHAMBRE DE COMBUSTION A STOCKAGE D'ENERGIE PAR AIR COMPRIME (CAES)**
[72] BROSTMEYER, JOSEPH D., US
[72] JONES, RUSSELL B., US
[72] DOWNS, JAMES P., US
[71] FLORIDA TURBINE TECHNOLOGIES, INC., US
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[25] EN
[54] **IRON-FORTIFIED TEA PREPARATIONS**
[54] **PREPARATIONS A BASE DE THE ENRICHI EN FER**
[72] DIOSADY, LEVENTE LASZLO, CA
[72] DUEIK, VERONICA PAULA, CL
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **THERMOPLASTIC POLYURETHANE COMPOSITIONS FOR SOLID FREEFORM FABRICATION**
[54] **COMPOSITIONS DE POLYURETHANE THERMOPLASTIQUES POUR LA FABRICATION DE FORMES IRREGULIERES SOLIDES**
[72] GREEN, JENNIFER, US
[72] COX, JOHN M., US
[72] VONTORCIK, JOSEPH J., JR., US
[72] MORGAN, BARBARA, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[54] **TANGENT SUSPENSION ACCESSORY ASSEMBLY AND ACCESSORY BRACKET THEREFOR**
[54] **ENSEMBLE ACCESSOIRE DE SUSPENSION TANGENTIEL ET SUPPORT D'ACCESSOIRE ASSOCIE**
[72] TAMM, RUSSEL CARL, US
[72] WOLF, RANDY L., US
[71] CLASSIC CONNECTOR, INC., US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054429)
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[54] **RECOMBINANT MAIZE B CHROMOSOME SEQUENCE AND USES THEREOF**
[54] **SEQUENCE DE CHROMOSOME B DE MAIS DE RECOMBINAISON ET UTILISATIONS DE CEUX-CI**
[72] KERSTETTER, RANDALL, US
[72] LAMB, JONATHAN C., US
[72] REAM, THOMAS S., US
[72] YANG, SHIAW-PYNG, US
[72] ZHOU, XUEFENG, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054968)
[87] (WO2017/059341)
[30] US (62/236,709) 2015-10-02
[30] US (62/237,048) 2015-10-05
[30] US (62/240,770) 2015-10-13

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[13] A1
[51] **Int.Cl. C07K 7/54 (2006.01) A61K 38/12 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **METHOD OF TREATING MELANOCORTIN-4 RECEPTOR PATHWAY-ASSOCIATED DISORDERS**
[54] **METHODE DE TRAITEMENT DE TROUBLES ASSOCIES A LA VOIE DU RECEPTEUR DE LA MELANOCORTINE 4**
[72] SHARMA, SHUBH, US
[72] PLOEG, LEONARDUS H.T. VAN DER, US
[72] HENDERSON, BART, US
[71] RHYTHM PHARMACEUTICALS, INC., US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054455)
[87] (WO2017/059075)
[30] US (62/235,003) 2015-09-30

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[51] **Int.Cl. A61F 11/08 (2006.01) A61F 11/00 (2006.01) A61F 11/06 (2006.01) A61F 11/12 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **DEVICE FOR PROTECTING THE HUMAN SENSORY HEARING SYSTEM WHILE RETAINING QUALITY SOUND**
[54] **DISPOSITIF POUR PROTEGER LE SYSTEME AUDITIF SENSORIEL HUMAIN SANS ALTERER LA QUALITE DU SON**
[72] RAGONETTI, PETER T., US
[72] MADRAMOTOO, RON ANDRE, US
[72] ACETI, JOHN G., US
[72] STAAB, WAYNE J., US
[71] EAROS, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054974)
[87] (WO2017/059346)
[30] US (62/284,496) 2015-10-02

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[51] **Int.Cl. A61K 38/12 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **METHOD OF TREATING MELANOCORTIN-4 RECEPTOR PATHWAY-ASSOCIATED DISORDERS**
[54] **METHODE DE TRAITEMENT DE TROUBLES ASSOCIES A LA VOIE DU RECEPTEUR DE LA MELANOCORTINE 4**
[72] PLOEG, LEONARDUS H.T. VAN DER, US
[72] HENDERSON, BART, US
[72] KUHNEN, PETER, DE
[71] RHYTHM PHARMACEUTICALS, INC., US
[71] CHARITE-UNIVERSITATSMEDIZIN BERLIN, DE
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054457)
[87] (WO2017/059076)
[30] US (62/235,003) 2015-09-30

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[13] A1
[51] **Int.Cl. B01J 19/16 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR VAPOR SUPPRESSION**
[54] **PROCEDES ET COMPOSITIONS POUR LA SUPPRESSION DE VAPEUR**
[72] JAMES, LEONARD RICE, US
[72] CHAD, JAMES UNRAU, US
[71] NANOVAPOR INC., US
[71] JAMES, LEONARD RICE, US
[71] CHAD, JAMES UNRAU, US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054490)
[87] (WO2017/059100)
[30] US (62/235,223) 2015-09-30

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[13] A1
[51] **Int.Cl. B65H 35/00 (2006.01)**
[25] EN
[54] **DUNNAGE CUT-ASSIST BIASING MEMBER**
[54] **ELEMENT DE SOLLICITATION D'ASSISTANCE DE COUPE DE FARDAGE**
[72] WETSCH, THOMAS D., US
[72] TEGEL, ROBERT, US
[71] PREGIS INNOVATIVE PACKAGING LLC, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054976)
[87] (WO2017/059348)
[30] US (62/236,717) 2015-10-02

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[13] A1
[51] **Int.Cl. F16K 5/04 (2006.01) F16K 3/02 (2006.01) F16K 5/00 (2006.01) F16K 5/02 (2006.01) F16K 5/14 (2006.01) F16K 5/16 (2006.01) F16K 5/18 (2006.01)**
[25] EN
[54] **SEALING HIGH PRESSURE FLOW DEVICES**
[54] **DISPOSITIFS A DEBIT HAUTE PRESSION D'ETANCHEITE**
[72] NOWELL, MARK S., US
[72] FOSTER, KELCY JAKE, US
[72] MAY, MICHAEL EUGENE, US
[72] AYRES, BRANDON SCOTT, US
[71] KERR MACHINE CO., US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054499)
[87] (WO2017/059107)
[30] US (62/234,483) 2015-09-29
[30] US (62/315,343) 2016-03-30
[30] US (62/318,542) 2016-04-05
[30] US (62/346,915) 2016-06-07

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[51] **Int.Cl. C04B 28/18 (2006.01) A61K 9/14 (2006.01) A61L 27/02 (2006.01) A61L 27/10 (2006.01) C01B 33/24 (2006.01)**
[25] EN
[54] **CALCIUM-SILICATE-BASED POROUS PARTICLES, COMPOSITION, METHOD OF MAKING AND USE THEREOF**
[54] **PARTICULES POREUSES A BASE DE SILICATE ET DE CALCIUM, COMPOSITION, PROCEDE DE FABRICATION ET D'UTILISATION ASSOCIE**
[72] SHAHSAVARI, ROUZBEH, US
[72] MILLER, JOSEPH B., US
[72] DESIREDDY, ANIL, US
[72] YAMATO, KAZUHIRO, US
[71] C-CRETE TECHNOLOGIES, LLC, US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054504)
[87] (WO2017/059111)
[30] US (62/234,230) 2015-09-29

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B65D 85/88 (2006.01) H05K 5/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING, DISPENSING AND STORING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CHARGE, DE DISTRIBUTION ET DE STOCKAGE DE BATTERIE**
[72] EISENBRUK, ROBERT, CA
[71] EISENBRUK, ROBERT, CA
[85] 2018-03-29
[86] 2016-09-30 (PCT/CA2016/051143)
[87] (WO2017/054088)
[30] US (62/234,711) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4965 (2006.01) A61K 31/7068 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING CANCER USING A COMBINATION OF DNA DAMAGING AGENTS AND ATR INHIBITORS**
[54] **METHODE DE TRAITEMENT DU CANCER UTILISANT UNE ASSOCIATION D'AGENTS ENDOMMAGEANT L'ADN ET D'INHIBITEURS DE L'ATR**
[72] POLLARD, JOHN ROBERT, GB
[72] LITTLEWOOD, PETER, GB
[72] REAPER, PHILIP MICHAEL, GB
[72] ASMAL, MOHAMMED, US
[72] FIELDS, SCOTT ZACHARY, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054996)
[87] (WO2017/059357)
[30] US (62/235,393) 2015-09-30
[30] US (62/251,640) 2015-11-05
[30] US (62/287,136) 2016-01-26
[30] US (62/303,153) 2016-03-03
[30] US (62/323,055) 2016-04-15
[30] US (62/345,191) 2016-06-03

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[13] A1
[51] **Int.Cl. H01M 10/0525 (2010.01) H01M 4/62 (2006.01) H01M 4/66 (2006.01)**
[25] EN
[54] **HIGH CAPACITY ANODE ELECTRODES WITH MIXED BINDERS FOR ENERGY STORAGE DEVICES**
[54] **ELECTRODES D'ANODE A HAUTE CAPACITE AVEC DES LIANTS MELANGES POUR DES DISPOSITIFS DE STOCKAGE D'ENERGIE**
[72] WANG, JUN, US
[72] WILKINS, RONNIE, US
[72] GIONET, PAUL, US
[71] A123 SYSTEMS LLC, US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054512)
[87] (WO2017/059117)
[30] US (62/234,571) 2015-09-29

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[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61F 2/72 (2006.01)**
[25] EN
[54] **MULTI-ACTIVE-AXIS, NON-EXOSKELETAL REHABILITATION DEVICE**
[54] **DISPOSITIF DE REEDUCATION NON EXOSQUELETTIQUE ET A MULTIPLES AXES ACTIFS**
[72] TOWNSEND, WILLIAM T., US
[72] WILKINSON, DAVID, US
[72] JENKO, ALEXANDER, US
[72] LELAND, JULIAN, US
[72] ANANTHANARAYANAN, ARVIND, US
[72] PATTON, JAMES, US
[72] VALLE, CLAUDE, US
[72] MORIN, MICHAEL, US
[72] DRUMM, DONALD, US
[72] BLANK, AMY, US
[72] ZENOWICH, BRIAN, US
[72] SCHIESS, MICHAEL, US
[71] BARRETT TECHNOLOGY, LLC, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054999)
[87] (WO2017/059359)
[30] US (62/235,276) 2015-09-30
[30] US (62/340,832) 2016-05-24

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[13] A1
[51] **Int.Cl. B01F 5/10 (2006.01) B01F 3/18 (2006.01) B01F 13/02 (2006.01)**
[25] EN
[54] **POWDER MIXING APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE MELANGE DE POUDRES ET PROCEDE D'UTILISATION**
[72] STEIN, STEPHEN W., US
[72] MUETING, MICHAEL W., US
[72] CHIOU, HERBERT C., US
[72] STEFELY, JAMES S., US
[71] ADAMIS PHARMACEUTICALS CORPORATION, US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054528)
[87] (WO2017/059128)
[30] US (14/874,232) 2015-10-02

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[13] A1
[51] **Int.Cl. G01N 3/08 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE EVALUATION OF CORDAGE PRODUCTS**
[54] **EVALUATION NON DESTRUCTIVE DE PRODUITS DE CORDAGE**
[72] MOZSGAI, GREG ZOLTAN, US
[72] PLAIA, JAMES R., US
[72] CHOU, CHIA-TE, US
[71] SAMSON ROPE TECHNOLOGIES, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/055009)
[87] (WO2017/059365)
[30] US (62/235,263) 2015-09-30
[30] US (62/262,622) 2015-12-03

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[13] A1
[51] **Int.Cl. C07F 15/02 (2006.01) B01D 53/02 (2006.01) C07F 13/00 (2006.01) C09B 57/10 (2006.01)**
[25] EN
[54] **GAS PURIFICATION WITH DIAMINE-APPENDED METAL-ORGANIC FRAMEWORKS**
[54] **PURIFICATION DE GAZ AVEC DES RESEAUX METAL-ORGANIQUES DIAMINE DEPENDANTS**
[72] LONG, JEFFREY R., US
[72] MCDONALD, THOMAS M., US
[72] SIEGELMAN, REBECCA L., US
[72] THOMPSON, JOSHUA A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] CHEVRON U.S.A., INC., US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054530)
[87] (WO2017/059130)
[30] US (62/235,252) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TREATMENT OF BILE ACID DISORDERS**
[54] **TRAITEMENT DE TROUBLES LIES A L'ACIDE BILIAIRE**
[72] XU, JING, US
[72] STANISLAUS, SHANAKA, US
[72] CHEN, MEI-HSIU M., US
[72] HALE, CLARENCE H., US
[72] VENIANT-ELLISON, MURIELLE, US
[71] AMGEN INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/055017)
[87] (WO2017/059371)
[30] US (62/236,050) 2015-10-01

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **WAREHOUSE RACK SPACE OPTIMIZATION**
[54] **OPTIMISATION D'ESPACE DE RAYONNAGES D'ENTREPOT**
[72] WOLF, ELLIOTT GERARD, US
[72] ECKMAN, CHRISTOPHER FRANK, US
[72] WOOLF, ALEXANDER JAMES, US
[71] LINEAGE LOGISTICS, LLC, US
[85] 2018-03-29
[86] 2016-09-29 (PCT/US2016/054551)
[87] (WO2017/059140)
[30] US (62/234,640) 2015-09-29

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **SYSTEM CONTROLLER FOR CONTROLLING ELECTRICAL LOADS**
[54] **DISPOSITIF DE COMMANDE DE SYSTEME PERMETTANT DE COMMANDER DES CHARGES ELECTRIQUES**
[72] DOLAN, DAVID J., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/055030)
[87] (WO2017/059376)
[30] US (62/234,981) 2015-09-30

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[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **11,13-MODIFIED SAXITOXINS FOR THE TREATMENT OF PAIN**
[54] **SAXITOXINES 11,13-MODIFIEES DESTINEES AU TRAITEMENT DE LA DOULEUR**
[72] MULCAHY, JOHN, US
[72] PAJOUHESH, HASSAN, US
[72] SHIBUYA, GRANT MASAAKI, US
[72] DELWIG, ANTON, US
[72] MILJANICH, GEORGE (DECEASED), US
[72] DUBOIS, JUSTIN, US
[71] SITEONE THERAPEUTICS, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/055050)
[87] (WO2017/059385)
[30] US (62/235,412) 2015-09-30

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[13] A1
[51] **Int.Cl. C08G 77/38 (2006.01) C08G 77/20 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF MENAQUINONE BIOSYNTHESIS**
[54] **INHIBITEURS DE LA BIOSYNTHESE DE LA MENAQUINONE**
[72] TAN, DEREK SHIEH, US
[72] EVANS, CHRISTOPHER E., US
[72] SHARMA, INDRAJEET, US
[72] TONGE, PETER JAMES, US
[72] MATARLO, JOE S., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-03-29
[86] 2016-10-03 (PCT/US2016/055136)
[87] (WO2017/059411)
[30] US (62/236,077) 2015-10-01

[21] **3,000,712**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **SPONTANEOUSLY BEATING CARDIAC ORGANOID CONSTRUCTS AND INTEGRATED BODY-ON-CHIP APPARATUS CONTAINING THE SAME**
[54] **CONSTRUCTIONS ORGANOIDES CARDIAQUES EN TRAIN DE BATTRE SPONTANEMENT ET APPAREIL A CORPS INTEGRE SUR PUCE CONTENANT CEUX-CI**
[72] SKARDAL, ALEKSANDER, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054607)
[87] (WO2017/059171)
[30] US (62/236,348) 2015-10-02

[21] **3,000,715**
[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 57/20 (2015.01) A63B 57/30 (2015.01) A63B 24/00 (2006.01)**
[25] EN
[54] **GOLFING ACCESSORY HAVING IMPROVED VISIBILITY AND FUNCTIONALITY**
[54] **ACCESSOIRE DE GOLF PRESENTANT UNE MEILLEURE VISIBILITE ET UNE MEILLEURE FONCTIONNALITE**
[72] TROJAN, DANIEL G., US
[71] TROJAN, DANIEL G., US
[85] 2018-03-29
[86] 2016-10-03 (PCT/US2016/055224)
[87] (WO2017/059456)
[30] US (62/235,945) 2015-10-01

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[13] A1
[51] **Int.Cl. C12M 3/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/02 (2006.01) G01N 33/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MODELING CANCER METASTASIS IN VITRO**
[54] **PROCEDES ET APPAREIL DE MODELISATION IN VITRO DES METASTASES CANCEREUSES**
[72] SKARDAL, ALEKSANDER, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054611)
[87] (WO2017/059173)
[30] US (62/236,361) 2015-10-02
[30] US (62/241,872) 2015-10-15

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[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/00 (2016.01) A23L 2/00 (2006.01)**
[25] EN
[54] **STEVIOL GLYCOSIDE SWEETENERS WITH IMPROVED FLAVOR PROFILES**
[54] **EDULCORANTS AU GLYCOSIDE DE STEVIOL AVEC PROFILS DE SAVEUR AMELIORES**
[72] PRAKASH, INDRA, US
[72] JETTI, RAJESH, US
[72] TAN, COLIN, US
[72] MA, GIL, US
[72] MARKOSYAN, AVETIK, MY
[71] THE COCA-COLA COMPANY, US
[71] PURECIRCLE SDN BHD, MY
[85] 2018-03-29
[86] 2016-10-03 (PCT/US2016/055142)
[87] (WO2017/059414)
[30] US (62/236,362) 2015-10-02
[30] US (62/266,174) 2015-12-11

[21] **3,000,720**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01)**
[25] EN
[54] **SLIDING COVER OF REFILLABLE DISPENSER**
[54] **COUVERCLE COULISSANT DE DISTRIBUTEUR RECHARGEABLE**
[72] TOJEK, ANDREW P., US
[72] KHAMPHILAPANYO, TOUBY, US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-03-29
[86] 2016-10-04 (PCT/US2016/055252)
[87] (WO2017/062325)
[30] US (62/238,897) 2015-10-08

[21] **3,000,725**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) C07K 14/715 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **BIOMARKERS RELATED TO INTERLEUKIN-33 (IL-33)-MEDIATED DISEASES AND USES THEREOF**
[54] **BIOMARQUEURS ASSOCIES AUX MALADIES MEDIEES PAR L'INTERLEUKINE-33 (IL-33) ET LEURS UTILISATIONS**
[72] ORENGO, JAMIE M., US
[72] ALLINNE, JEANNE, US
[72] FURY, WEN, US
[72] BAI, YU, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-03-29
[86] 2016-10-05 (PCT/US2016/055502)
[87] (WO2017/062456)
[30] US (62/237,624) 2015-10-06

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[13] A1
[51] **Int.Cl. A61B 5/103 (2006.01) A43D 1/02 (2006.01) A61B 5/107 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **GENERATING ORTHOTIC PRODUCT RECOMMENDATIONS**
[54] **GENERATION DE RECOMMANDATIONS DE PRODUIT ORTHETIQUE**
[72] PENTA, RAMA, US
[72] HOWLETT, HAROLD, US
[72] DAWSON, STEVEN, US
[72] SVISTULA, DMITRI, US
[72] SHIMOIDE, ALAN, US
[72] FLETCHER, CHARLES, US
[71] BAYER HEALTHCARE LLC, US
[85] 2018-03-29
[86] 2016-10-05 (PCT/US2016/055607)
[87] (WO2017/062530)
[30] US (62/237,520) 2015-10-05

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[13] A1
[51] **Int.Cl. A61L 27/52 (2006.01) A61K 9/10 (2006.01) A61K 9/127 (2006.01) A61K 31/095 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR AN INJECTABLE, IN SITU FORMING NEUROSCAFFOLD AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS POUR NEURO-ECHAFAUDAGE INJECTABLE, SE FORMANT IN SITU ET LEURS PROCEDES D'UTILISATION**
[72] CRISCIONE, JASON M., US
[72] REYNOLDS, FRANCIS M., US
[72] DAI, HAINING, US
[72] BADER, REBECCA A., US
[71] PIXARBIO CORPORATION, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054614)
[87] (WO2017/059175)
[30] US (62/236,309) 2015-10-02

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[13] A1
[51] **Int.Cl. F16B 5/02 (2006.01) F16B 12/10 (2006.01)**
[25] EN
[54] **PLATE MOUNT**
[54] **MONTURE DE PLAQUE**
[72] OETLINGER, FRANK E., US
[71] BLANKING SYSTEMS, INC., US
[85] 2018-03-29
[86] 2016-10-07 (PCT/US2016/055950)
[87] (WO2017/062744)
[30] US (62/238,446) 2015-10-07

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 13/06 (2006.01)**
[25] EN
[54] **AIRCRAFT CABIN AIR TEMPERATURE SENSING APPARATUS AND SYSTEM USING PASSIVE AIR FLOW**
[54] **APPAREIL ET SYSTEME DE DETECTION DE TEMPERATURE D'AIR DE CABINE D'AERONEF UTILISANT UN FLUX D'AIR PASSIF**
[72] FAGUNDES, SANDRO AFONSO SILVA, CA
[72] STEFANINI, LUCIANO MARTINEZ, CA
[72] WANG, HONGZHI, CA
[71] BOMBARDIER INC., CA
[85] 2018-03-29
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[54] **SLOPE STABILITY LIDAR**
[54] **LIDAR A STABILITE DE PENTE**
[72] BELLETT, PATRICK T, AU
[72] CAMPBELL, LACHLAN, AU
[71] GROUNDPROBE PTY LTD, AU
[85] 2018-04-03
[86] 2016-10-12 (PCT/AU2016/050953)
[87] (WO2017/063033)
[30] AU (2015904141) 2015-10-12

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[51] **Int.Cl. B29D 12/02 (2006.01) B29C 69/00 (2006.01) G02C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING MULTI-COLOR CELLULOSE ACETATE SPECTACLE FRAME**
[54] **PROCEDE DE FABRICATION DE MONTURE DE LUNETTES EN ACETATE DE CELLULOSE MULTICOLORE**
[72] WANG, DAOMIN, CN
[71] WANG, DAOMIN, CN
[85] 2018-04-03
[86] 2015-09-18 (PCT/CN2015/000647)
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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 47/66 (2017.01) C07K 14/00 (2006.01) C07K 14/65 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **BI-SPECIFIC THERAPEUTIC PROTEINS FOR TISSUE REPAIR**
[54] **PROTEINES THERAPEUTIQUES BISPECIFIQUES POUR LA REPARATION DE TISSUS**
[72] ANTIPOV, LAURA D.J., US
[72] ESHGHI, SHAWDEE, US
[72] KUCHENBECKER, KRISTOPHER M., US
[72] MILLARD, BJORN L., US
[72] ONSUM, MATTHEW D., US
[72] NICKERSON, ANDREA D., US
[72] STOWE, TIMOTHY R., US
[72] ZHANG, YAN, US
[71] SILVER CREEK PHARMACEUTICALS, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054744)
[87] (WO2017/059231)
[30] US (62/236,169) 2015-10-02
[30] US (62/237,889) 2015-10-06
[30] US (62/322,910) 2016-04-15

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[51] **Int.Cl. G02C 5/00 (2006.01) B29D 12/02 (2006.01) B32B 37/06 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING SEAMLESS SPECTACLE FRAME MADE OF CELLULOSE ACETATE SHEET EMBEDDED WITH METAL MATERIAL**
[54] **METHODE DE FABRICATION DE MONTURE DE LUNETTES SANS JOINT FAITE D'UNE FEUILLE D'ACETATE DE CELLULOSE INTEGREE DANS UN MATERIAU METALLIQUE**
[72] WANG, DAOMIN, CN
[71] WANG, DAOMIN, CN
[85] 2018-04-03
[86] 2015-09-18 (PCT/CN2015/000649)
[87] (WO2017/041200)
[30] CN (201510559031.5) 2015-09-07

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[25] EN
[54] **CRYSTAL FORMS OF .BETA.-NICOTINAMIDE MONONUCLEOTIDE**
[54] **FORMES CRISTALLINES DE .BETA.-NICOTINAMIDE MONONUCLEOTIDE**
[72] CARR, ANDREW, GB
[72] FERNANDES, PHILIPPE, GB
[72] LIVINGSTON, DAVID J., US
[71] METRO INTERNATIONAL BIOTECH, LLC, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054776)
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[54] **EYELASH CURLER**
[54] **RECOURBE-CILS**
[72] BARBER, CINDY JANE, AU
[71] BARBER, CINDY JANE, AU
[85] 2018-04-03
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[25] EN
[54] **COMBINATIONS OF THE BTK INHIBITOR GS-4059 WITH INHIBITORS SELECTED FROM A JAK, ASK1, BRD AND/OR MMP9 INHIBITOR TO TREAT CANCER, ALLERGIC DISORDERS, AUTOIMMUNE DISEASES OR INFLAMMATORY DISEASES**
[54] **COMBINAISONS DE L'INHIBITEUR DE BTK GS-4059 AVEC DES INHIBITEURS CHOISIS PARMI UN INHIBITEUR DE JAK, D'ASK1, DE BRD ET/OU DE MMP9 POUR TRAITER LE CANCER, LES TROUBLES ALLERGIQUES,LES MALADIES AUTO-IMMUNES OU LES MALADIES INFLAMMATOIRES**
[72] DI PAOLO, JULIE, US
[72] BRECKENRIDGE, DAVID, US
[72] BATES, JAMIE, US
[72] TUMAS, DANIEL, US
[71] GILEAD SCIENCES, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054780)
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[30] US (62/236,409) 2015-10-02
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[51] **Int.Cl. A61B 18/02 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR PROVIDING FOCAL COOLING TO THE BRAIN AND SPINAL CORD**
[54] **DISPOSITIFS ET PROCEDES POUR APPORTER UN REFROIDISSEMENT LOCAL AU CERVEAU ET A LA MOELLE EPINIERE**
[72] VASE, ABHI, US
[72] EVANS, DON W.E., US
[71] MINNETRONIX, INC., US
[85] 2018-03-29
[86] 2016-10-06 (PCT/US2016/055724)
[87] (WO2017/062606)
[30] US (62/237,867) 2015-10-06

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[51] **Int.Cl. F28D 1/047 (2006.01) B65D 81/38 (2006.01) F16L 59/00 (2006.01) F25D 17/02 (2006.01)**
[25] EN
[54] **MULTILAYER THERMAL SHIELD COMPRISING AN INTEGRATED FLUID CIRCUIT**
[54] **PROTECTION THERMIQUE MULTICOUCHE COMPRENANT UN CIRCUIT DE FLUIDE INTEGRE**
[72] GOLDSTEIN, VLADIMIR, CA
[72] CORY, ROSA, CA
[72] DO, BENNY, CA
[71] SUNWELL ENGINEERING COMPANY LIMITED, CA
[85] 2018-04-03
[86] 2015-10-02 (PCT/CA2015/050993)
[87] (WO2016/049773)
[30] US (62/059,549) 2014-10-03

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[13] A1
[51] **Int.Cl. E01B 27/16 (2006.01) B06B 1/16 (2006.01)**
[25] EN
[54] **TAMPING UNIT AND METHOD FOR TAMPING A TRACK**
[54] **GROUPE DE BOURRAGE ET PROCEDE DE BOURRAGE D'UNE VOIE FERREE**
[72] SEYRLEHNER, GEORG, US
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2018-04-03
[86] 2016-10-21 (PCT/EP2016/001747)
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[30] AT (A 749/2015) 2015-11-20

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[51] **Int.Cl. G05B 19/042 (2006.01) G05B 19/402 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **AUTOMATIC CALIBRATION OF POSITION TRANSMITTER**
[54] **ETALONNAGE AUTOMATIQUE D'EMETTEUR DE POSITION**
[72] SEBERGER, STEPHEN G., US
[72] SNOWBARGER, JIMMIE L., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-03-29
[86] 2016-10-07 (PCT/US2016/055895)
[87] (WO2017/062710)
[30] US (62/239,829) 2015-10-09

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **MULTIPLE SIDELINK CONTROL TRANSMISSIONS DURING A SIDELINK CONTROL PERIOD**
[54] **TRANSMISSIONS DE COMMANDE DE LIAISON LATERALE MULTIPLES DURANT UNE PERIODE DE COMMANDE DE LIAISON LATERALE**
[72] LOEHR, JOACHIM, DE
[72] BASU MALLICK, PRATEEK, DE
[72] WANG, LILEI, CN
[71] SUN PATENT TRUST, US
[85] 2018-04-03
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[51] **Int.Cl. G01R 33/58 (2006.01) G09B 23/28 (2006.01)**
[25] EN
[54] **IMAGING PHANTOM AND SYSTEMS AND METHODS OF USING SAME**
[54] **FANTOME D'IMAGERIE ET SES SYSTEMES ET PROCEDES D'UTILISATION**
[72] KIM, HARRISON, US
[71] SOUTHERN RESEARCH INSTITUTE, US
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054822)
[87] (WO2017/059269)
[30] US (62/236,323) 2015-10-02

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[51] **Int.Cl. B65D 81/38 (2006.01)**
[25] EN
[54] **A TEMPERATURE CONTROLLED CONTAINER**
[54] **RECIPIENT A REGULATION THERMIQUE**
[72] GOLDSTEIN, VLADIMIR, CA
[71] SUNWELL ENGINEERING COMPANY LIMITED, CA
[85] 2018-04-03
[86] 2015-10-02 (PCT/CA2015/050996)
[87] (WO2016/049775)
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[51] **Int.Cl. F16B 5/02 (2006.01) F16B 12/02 (2006.01) F16B 12/10 (2006.01)**
[25] EN
[54] **THREE-SIDED CORNER ASSEMBLY**
[54] **ENSEMBLE COIN A TROIS COTES**
[72] OETLINGER, FRANK E., US
[71] BLANKING SYSTEMS, INC., US
[85] 2018-03-29
[86] 2016-10-07 (PCT/US2016/055954)
[87] (WO2017/062745)
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[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/19 (2006.01) C07K 14/34 (2006.01) C07K 14/485 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **DEIMMUNIZED THERAPEUTIC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS THERAPEUTIQUES DESIMMUNISEES ET PROCEDES ASSOCIES**
[72] VALLERA, DANIEL ATTILIO, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054823)
[87] (WO2017/059270)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR DEGENERATIVE DISC REGENERATION**
[54] **COMPOSITIONS ET METHODES DESTINEES A LA REGENERATION DE DEGENERESCENCE DISCALE**
[72] ERWIN, WILLIAM MARK, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2018-04-03
[86] 2016-11-04 (PCT/CA2016/051291)
[87] (WO2017/075719)
[30] US (62/252,234) 2015-11-06

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[13] A1
[51] **Int.Cl. H04N 19/91 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF PALETTE INDEX MAP CODING FOR SCREEN CONTENT CODING**
[54] **PROCEDE ET APPAREIL DE CODAGE DE CARTE D'INDEX DE PALETTE POUR LE CODAGE DE D'ECRAN**
[72] HSIANG, SHIH-TA, CN
[72] CHUANG, TZU-DER, CN
[72] HUANG, YU-WEN, CN
[71] MEDIATEK INC., CN
[85] 2018-04-03
[86] 2016-09-30 (PCT/CN2016/101040)
[87] (WO2017/059787)
[30] US (62/237,273) 2015-10-05
[30] US (62/238,458) 2015-10-07

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[25] EN
[54] **FOOT GESTURE-BASED CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE BASE SUR DES MOUVEMENTS DE PIED**
[72] EVERETT, JULIA BREANNE, CA
[72] TURNQUIST, LLEWELLYN LLOYD, CA
[72] STEVENS, TRAVIS MICHAEL, CA
[72] COUTTS, DARYL DAVID, CA
[72] GROENLAND, MARCEL, CA
[71] ORPYX MEDICAL TECHNOLOGIES INC., CA
[85] 2018-04-03
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[30] US (62/067,933) 2014-10-23

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[51] **Int.Cl. A63J 1/00 (2006.01) A63J 25/00 (2009.01) A63J 5/12 (2006.01) E04H 3/12 (2006.01) A63J 5/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR A MOVING PUZZLE THEATER**
[54] **SYSTEME DE SALLE DE CINEMA A LA MANIERE DE PIECES DE PUZZLE MOBILES**
[72] BOYLE, PATRICK DEVIN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054904)
[87] (WO2017/062286)
[30] US (14/875,309) 2015-10-05

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[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4436 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **OXA SPIRO DERIVATIVE, PREPARATION METHOD THEREFOR, AND APPLICATIONS THEREOF IN MEDICINES**
[54] **DERIVE OXA SPIRO, SON PROCEDE DE PREPARATION, ET SES APPLICATIONS DANS DES MEDICAMENTS**
[72] LI, XIN, CN
[72] FENG, BINQIANG, CN
[72] CHEN, YANG, CN
[72] LIU, TAO, CN
[72] HE, FENG, CN
[72] HE, MINGXUN, CN
[72] TAO, WEIKANG, CN
[72] SUN, PIAOYANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2018-04-03
[86] 2016-09-30 (PCT/CN2016/101064)
[87] (WO2017/063509)
[30] CN (201510665328.X) 2015-10-15
[30] CN (201511032876.5) 2015-12-31

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[25] EN
[54] **COMPREHENSIVE IN VITRO REPORTING OF CLEAVAGE EVENTS BY SEQUENCING (CIRCLE-SEQ)**
[54] **RAPPORT IN VITRO COMPLET D'EVENEMENTS DE CLIVAGE PAR SEQUENCAGE (CIRCLE-SEQ)**
[72] JOUNG, J. KEITH, US
[72] TSAI, SHENGDAR, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054912)
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[30] US (62/235,154) 2015-09-30

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/536 (2006.01) A61K 39/07 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-ERBB2 ANTIBODY-DRUG CONJUGATE AND COMPOSITION THEREOF, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF**
[54] **CONJUGUE ANTICORPS-MEDICAMENT ANTI-ERBB2 ET COMPOSITION A BASE DE CELUI-CI, PROCEDE DE PREPARATION ASSOCIE ET LEUR APPLICATION**
[72] XUE, TONGTONG, CN
[72] MIAO, ZHENWEI, US
[72] WANG, JING, CN
[72] CHEN, GANG, US
[72] QING, YAN, CN
[72] ZHU, TONG, US
[72] XIAO, LIANG, CN
[72] ZHANG, HONG, US
[72] YANG, QIUYAN, CN
[72] DENG, DYLAN DALUN, US
[72] LIU, LIPING, CN
[72] ZENG, HONG, CN
[72] YIN, LI, CN
[72] SHI, QIFENG, CN
[72] SONG, HONGMEI, CN
[72] ZHAO, XI, CN
[72] WANG, LICHUN, CN
[72] WANG, JINGYI, CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
[85] 2018-04-03
[86] 2016-11-22 (PCT/CN2016/106802)
[87] (WO2017/088734)
[30] CN (201510824064.8) 2015-11-23

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[51] **Int.Cl. F42B 10/48 (2006.01) F42B 12/74 (2006.01) F42B 10/40 (2006.01) F42B 12/34 (2006.01)**
[25] EN
[54] **SELF-CONSUMING PROJECTILE**
[54] **PROJECTILE CAPABLE DE S'AUTO-CONSUMER**
[72] HEYMANN, FRANK, DE
[72] BILGER, GERHARD, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2018-04-03
[86] 2016-09-26 (PCT/EP2016/072819)
[87] (WO2017/060109)
[30] DE (10 2015 116 985.1) 2015-10-06

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[51] **Int.Cl. A61B 5/055 (2006.01) G01R 33/385 (2006.01) G01R 33/48 (2006.01) G01R 33/54 (2006.01)**
[25] EN
[54] **SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS**
[54] **ECHANTILLONNAGE SELECTIF POUR EVALUER DES FREQUENCES SPATIALES STRUCTURALES AVEC DES MECANISMES DE CONTRASTE SPECIFIQUES**
[72] CHASE, DAVID R., US
[72] JAMES, TIMOTHY W., US
[72] JAMES, KRISTIN E., US
[71] BIOPROTONICS LLC, US
[85] 2018-03-29
[86] 2016-10-07 (PCT/US2016/056147)
[87] (WO2017/062882)
[30] US (62/238,121) 2015-10-07
[30] US (62/302,577) 2016-03-02
[30] US (15/167,828) 2016-05-27
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[51] **Int.Cl. C04B 33/132 (2006.01) C04B 35/626 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **SINTERED SPHERES, PROCESS FOR THEIR PRODUCTION AND USE THEREOF**
[54] **SPHERES FRITTEES, PROCEDE POUR LEUR PRODUCTION ET UTILISATION CORRESPONDANTE**
[72] KHAN, ABBAS, DE
[71] ZAAK TECHNOLOGIES GMBH, DE
[85] 2018-04-03
[86] 2016-10-03 (PCT/EP2016/073566)
[87] (WO2017/060197)
[30] EP (15188400.4) 2015-10-05
[30] EP (15193198.7) 2015-11-05

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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK-BASED RESOURCE CONFIGURATION DISCOVERY SERVICE**
[54] **SERVICE DE DECOUVERTE DE CONFIGURATION DE RESSOURCE BASEE SUR LE RESEAU**
[72] SUBRAMANIAN, HARIHARAN, US
[72] ZIPKIN, DAVID SAMUEL, US
[72] LYON, DEREK AVERY, US
[72] GAFTON, CRISTIAN GABRIEL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054936)
[87] (WO2017/059324)
[30] US (14/871,701) 2015-09-30

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[51] **Int.Cl. C07D 209/54 (2006.01) A01N 43/38 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **NEW ALKYNYL-SUBSTITUTED 3-PHENYLPYRROLIDINE-2,4-DIONES AND USE THEREOF AS HERBICIDES**
[54] **NOUVELLES 3-PHENYLPYRROLIDINE-2,4-DIONES A SUBSTITUTION ALCYNYLE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] ANGERMANN, ALFRED, DE
[72] LEHR, STEFAN, DE
[72] FISCHER, REINER, DE
[72] BOJACK, GUIDO, DE
[72] HELMKE, HENDRIK, DE
[72] SCHMUTZLER, DIRK, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-04-03
[86] 2016-10-04 (PCT/EP2016/073590)
[87] (WO2017/060203)
[30] EP (15188613.2) 2015-10-06

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[51] **Int.Cl. C07D 209/54 (2006.01) A01N 43/38 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **NEW ALKYNYL-SUBSTITUTED 3-PHENYLPYRROLIDINE-2,4-DIONES AND USE THEREOF AS HERBICIDES**
[54] **NOUVELLES 3-PHENYLPYRROLIDINE-2,4-DIONES A SUBSTITUTION ALCYNYLE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] ANGERMANN, ALFRED, DE
[72] LEHR, STEFAN, DE
[72] FISCHER, REINER, DE
[72] BOJACK, GUIDO, DE
[72] HELMKE, HENDRIK, DE
[72] SCHMUTZLER, DIRK, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[86] 2016-10-04 (PCT/EP2016/073591)
[87] (WO2017/060204)
[30] EP (15188613.2) 2015-10-06

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[13] A1
[51] **Int.Cl. A23G 4/06 (2006.01) A23G 4/12 (2006.01)**
[25] EN
[54] **CHEWING GUM COMPRISING NICOTINE**
[54] **GOMME A MACHER COMPRENANT DE LA NICOTINE**
[72] NEERGAARD, JESPER, DK
[71] FERTIN PHARMA A/S, DE
[85] 2018-04-03
[86] 2015-10-07 (PCT/DK2015/050299)
[87] (WO2017/059858)

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[51] **Int.Cl. G21F 3/00 (2006.01) A61B 6/10 (2006.01) G21F 1/12 (2006.01)**
[25] EN
[54] **RADIOABSORBENT ASSEMBLIES**
[54] **ENSEMBLES RADIO-ABSORBANTS**
[72] WILSON, ROBERT F., US
[72] VALETI, UMA S., US
[72] GAINOR, JOHN P., US
[71] EGG MEDICAL, INC., US
[85] 2018-03-29
[86] 2016-10-12 (PCT/US2016/056664)
[87] (WO2017/116530)
[30] US (62/240,409) 2015-10-12

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[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **ESTABLISHING A VOICE CALL**
[54] **ETABLISSEMENT D'UN APPEL VOCAL**
[72] MAHMOOD, HAMID, CA
[71] BLACKBERRY LIMITED, CA
[85] 2018-04-03
[86] 2016-10-04 (PCT/CA2016/051155)
[87] (WO2017/059532)
[30] US (14/874,938) 2015-10-05

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[13] A1
[51] **Int.Cl. H02M 7/797 (2006.01) H02M 1/42 (2007.01) H02J 7/02 (2016.01)**
[25] EN
[54] **A BIDIRECTIONAL POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE BIDIRECTIONNEL**
[72] SMIDT, PIETER JAN MARK, NL
[72] DUARTE, JORGE LUIZ, NL
[72] VAN HORCK, FRANCISCUS BERNARDUS MARIE, NL
[71] HELIOX B.V., NL
[85] 2018-04-03
[86] 2016-10-04 (PCT/EP2016/073688)
[87] (WO2017/060249)
[30] EP (15188387.3) 2015-10-05

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[51] **Int.Cl. C08G 18/48 (2006.01) A61L 29/06 (2006.01) A61M 25/00 (2006.01) C08G 18/50 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08J 3/20 (2006.01) C08K 3/30 (2006.01) C08L 75/08 (2006.01)**
[25] EN
[54] **THERMOPLASTIC POLYURETHANE MATERIALS FOR FORMING MEDICAL DEVICES**
[54] **MATERIAUX DE POLYURETHANNE THERMOPLASTIQUES POUR FORMER DES DISPOSITIFS MEDICAUX**
[72] ZHOU, MING, US
[72] HERMEL-DAVIDOCK, THERESA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-03-29
[86] 2016-10-13 (PCT/US2016/056738)
[87] (WO2017/066381)
[30] US (62/241,339) 2015-10-14
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/12 (2006.01) C07K 14/47 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **POLYEPITOPE CONSTRUCTS FOR USE IN IMMUNOTHERAPY**
[54] **CONSTRUCTIONS DE POLYEPITOPES A UTILISER EN IMMUNOTHERAPIE**
[72] LANGLADE DEMOYEN, PIERRE, FR
[72] HUET, THIERRY, FR
[72] WAIN-HOBSON, SIMON, FR
[72] KOSTRZAK, ANNA, FR
[71] INVECTYS, FR
[85] 2018-04-03
[86] 2016-10-06 (PCT/EP2016/073893)
[87] (WO2017/060360)
[30] EP (15306567.7) 2015-10-06

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[13] A1
[51] **Int.Cl. C01B 3/38 (2006.01) F23C 5/08 (2006.01)**
[25] EN
[54] **STEAM REFORMER FOR PRODUCING SYNTHESIS GAS**
[54] **REFORMEUR A VAPEUR POUR LA PRODUCTION D'UN GAZ DE SYNTHESE**
[72] COSCIA, ANTONIO, DE
[72] HASSLER, NATHANAEL, DE
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2018-04-03
[86] 2016-09-28 (PCT/EP2016/025105)
[87] (WO2017/059963)
[30] EP (15400043.4) 2015-10-05

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[51] **Int.Cl. A61F 5/00 (2006.01) A61F 5/01 (2006.01) A61F 5/30 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE KNEE BRACE INTENDED FOR PATIENTS WITH OSTEOARTHRITIS**
[54] **ATTELLE DE GENOU PERSONNALISABLE DESTINEE A DES PATIENTS SOUFFRANT D'ARTHROSE**
[72] GILDERSLEEVE, RICHARD, US
[72] KOVACEVICH, IAN, US
[72] GOMEZ, NICHOLAS, US
[71] DJO, LLC, US
[85] 2018-03-29
[86] 2016-10-14 (PCT/US2016/057133)
[87] (WO2017/066632)
[30] US (62/241,989) 2015-10-15

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 17/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **ANTAGONISTS OF IL-17C FOR THE TREATMENT AND/OR PREVENTION OF ATOPIC DERMATITIS**
[54] **ANTAGONISTES D'IL-17C POUR LE TRAITEMENT ET/OU LA PREVENTION DE LA DERMATITE ATOPIQUE**
[72] VANDEGHINSTE, NICK ERNEST RENE, BE
[72] BRYS, REGINALD CHRISTOPHE XAVIER, BE
[71] MORPHOSYS AG, DE
[71] GALAPAGOS NV, BE
[85] 2018-04-03
[86] 2016-10-05 (PCT/EP2016/073776)
[87] (WO2017/060289)
[30] EP (15188355.0) 2015-10-05

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[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **PUMPING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POMPAGE**
[72] KOLLEP, ALEXANDRE, CH
[71] NESTEC S.A., CH
[85] 2018-04-03
[86] 2016-09-22 (PCT/EP2016/072609)
[87] (WO2017/060096)
[30] EP (15188494.7) 2015-10-06

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **LAYERED CODING AND DATA STRUCTURE FOR COMPRESSED HIGHER-ORDER AMBISONICS SOUND OR SOUND FIELD REPRESENTATIONS**
[54] **CODAGE HIERARCHIQUE ET STRUCTURE DE DONNEES POUR REPRESENTATIONS COMPRESSEES DE SONS OU CHAMPS ACOUSTIQUES D'AMBIOPHONIE D'ORDRE SUPERIEUR**
[72] KORDON, SVEN, DE
[72] KRUEGER, ALEXANDER, DE
[71] DOLBY INTERNATIONAL AB, NL
[85] 2018-04-03
[86] 2016-10-07 (PCT/EP2016/073971)
[87] (WO2017/060412)
[30] EP (15306591.7) 2015-10-08
[30] US (62/361,863) 2016-07-13

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[13] A1
[51] **Int.Cl. B27N 3/00 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **WOOD PARTICLE BOARDS**
[54] **PANNEAUX DE PARTICULES DE BOIS**
[72] HAND, RICHARD, GB
[71] KNAUF INSULATION SPRL, BE
[85] 2018-04-03
[86] 2016-10-07 (PCT/EP2016/074031)
[87] (WO2017/060447)
[30] GB (1517867.6) 2015-10-09

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[13] A1
[51] **Int.Cl. B66F 9/075 (2006.01) B66F 9/065 (2006.01)**
[25] EN
[54] **A TRUCK MOUNTED FORKLIFT**
[54] **CHARIOT A FOURCHE MONTE SUR UN CAMION**
[72] TURNBULL, KEVIN, IE
[72] GROGAN, SARAH, IE
[71] CARGOTEC RESEARCH & DEVELOPMENT IRELAND LIMITED, IE
[85] 2018-04-03
[86] 2016-10-14 (PCT/EP2016/074821)
[87] (WO2017/064313)
[30] GB (1518206.6) 2015-10-14

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[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/27 (2006.01)**
[25] EN
[54] **IN SITU ANALYSIS OF PETROLEUM STABILITY**
[54] **ANALYSE IN SITU DE STABILITE DE PETROLE**
[72] LABORDE-BOUTET, CEDRIC, CA
[72] MCCAFFREY, WILLIAM, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2018-01-08
[86] 2016-06-06 (PCT/CA2016/050643)
[87] (WO2016/191889)
[30] US (62/171,809) 2015-06-05

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[13] A1
[51] **Int.Cl. C04B 40/06 (2006.01) C04B 28/06 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT TWO-COMPONENT MORTAR SYSTEM BASED ON ALUMINOUS CEMENT FOR A FIRE-RESISTANT CHEMICAL FASTENING OF ANCHORS AND POST-INSTALLED REINFORCING BARS AND USE THEREOF**
[54] **SYSTEME DE MORTIER BICOMPOSANT RESISTANT AU FEU A BASE DE CIMENT ALUMINEUX POUR LA FIXATION CHIMIQUE D'ELEMENTS D'ANCRAGE ET DE BARRES DE RENFORCEMENT INSTALLEES A POSTERIORI, ETUTILISATION CORRESPONDANTE**
[72] PFEIL, ARMIN, DE
[72] SHARMAK, ANNA, DE
[72] GIESSMANN, GREGOR, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-03
[86] 2016-10-19 (PCT/EP2016/075023)
[87] (WO2017/067952)
[30] EP (15190508.0) 2015-10-20
[30] EP (15190503.1) 2015-10-20
[30] EP (15190509.8) 2015-10-20

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[13] A1
[51] **Int.Cl. C01B 13/11 (2006.01)**
[25] EN
[54] **OZONE GENERATION WITH DIRECTLY COOLED PLASMA CHANNELS**
[54] **PRODUCTION D'OZONE AU MOYEN DE CANAUX A PLASMA A REFROIDISSEMENT DIRECT**
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[72] BRUGGEMANN, NICOLE, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-04-03
[86] 2016-10-19 (PCT/EP2016/075106)
[87] (WO2017/067991)
[30] EP (15190727.6) 2015-10-21

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[13] A1
[51] **Int.Cl. F24H 9/00 (2006.01) F04B 25/00 (2006.01) F04B 35/00 (2006.01) F24D 11/02 (2006.01) F24D 17/02 (2006.01) F25B 1/10 (2006.01) F25B 9/00 (2006.01) F25B 9/14 (2006.01) F25B 27/00 (2006.01)**
[25] EN
[54] **THERMODYNAMIC BOILER WITH THERMAL COMPRESSOR**
[54] **CHAUDIERE THERMODYNAMIQUE A COMPRESSEUR THERMIQUE**
[72] JOFFROY, JEAN-MARC, FR
[71] BOOSTHEAT, FR
[85] 2018-04-03
[86] 2016-10-20 (PCT/EP2016/075271)
[87] (WO2017/068066)
[30] FR (15 60169) 2015-10-23

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[13] A1
[51] **Int.Cl. C04B 40/06 (2006.01) C04B 28/06 (2006.01)**
[25] EN
[54] **STABILIZED AQUEOUS COMPOSITION FOR INITIATING SETTING AND HARDENING OF ALUMINOUS CEMENT COMPOSITIONS**
[54] **SUSPENSION AQUEUSE STABILISEE POUR DECLENCHER LA PRISE ET LE DURCISSEMENT DE COMPOSITIONS DE CIMENTS ALUMINEUX**
[72] PFEIL, ARMIN, DE
[72] BEROLL, PASCAL, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-03
[86] 2016-10-19 (PCT/EP2016/075027)
[87] (WO2017/067954)
[30] EP (15190508.0) 2015-10-20

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[13] A1
[51] **Int.Cl. A01K 61/60 (2017.01) A01K 61/90 (2017.01)**
[25] EN
[54] **A METHOD FOR AUTOMATIC SEA LICE MONITORING IN SALMON AQUACULTURE**
[54] **PROCEDE DE CONTROLE AUTOMATIQUE A LA RECHERCHE DE POUX DE MER DANS LE CADRE D'UN ELEVAGE DE SALMONIDES**
[72] JANS, PETER, NL
[72] GIJTENBEEK, EVERT, NL
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2018-04-03
[86] 2016-10-21 (PCT/EP2016/075385)
[87] (WO2017/068127)
[30] EP (15191108.8) 2015-10-22

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[13] A1
[51] **Int.Cl. C04B 28/06 (2006.01) C04B 40/06 (2006.01) E21D 20/02 (2006.01) E21D 21/00 (2006.01) F16B 13/02 (2006.01) F16B 13/14 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM AND USE THEREOF**
[54] **SYSTEME DE FIXATION ET UTILISATION ASSOCIEE**
[72] PFEIL, ARMIN, DE
[72] BUNZEN, JENS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-03
[86] 2016-10-19 (PCT/EP2016/075031)
[87] (WO2017/067956)
[30] EP (15190509.8) 2015-10-20

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[13] A1
[51] **Int.Cl. A24B 15/12 (2006.01) A24B 15/14 (2006.01) A24B 15/16 (2006.01) A24B 15/18 (2006.01) A24B 15/20 (2006.01) A24B 15/22 (2006.01) A24B 15/24 (2006.01) A24B 15/26 (2006.01) A24B 15/28 (2006.01) A24B 15/30 (2006.01)**
[25] EN
[54] **HOMOGENIZED TOBACCO MATERIAL WITH IMPROVED VOLATILE TRANSFER**
[54] **MATERIAU DE TABAC HOMOGENEISE AVEC TRANSFERT AMELIORE DE COMPOSANTS VOLATILS**
[72] SCIBOZ, ALAIN, CH
[72] DEFOREL, CORINNE, CH
[72] PIJNENBURG, JOHANNES PETRUS MARIA, CH
[72] JARRIAULT, MARINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-03
[86] 2016-11-07 (PCT/EP2016/076847)
[87] (WO2017/077110)
[30] EP (15193302.5) 2015-11-05

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[13] A1
[51] **Int.Cl. A61K 31/30 (2006.01) A61K 31/315 (2006.01) A61K 31/4166 (2006.01) A61K 38/00 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR TREATING COPPER-RELATED DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES LIEES AU CUIVRE**
[72] ZISCHKA, HANS, DE
[72] LICHTMANNEGGER, JOSEF, DE
[72] DISPIRITO, ALAN ANGELO, US
[72] SEMRAU, JEREMY DAVID, US
[71] HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2018-04-03
[86] 2016-12-16 (PCT/EP2016/081407)
[87] (WO2017/103094)
[30] EP (15201070.8) 2015-12-18
[30] LU (92979) 2016-02-19

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[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) G01D 9/00 (2006.01) G01N 27/00 (2006.01) G01N 33/02 (2006.01) G08C 21/00 (2006.01)**
[25] EN
[54] **A SENSOR FOR MONITORING AMBIENT CHARACTERISTICS**
[54] **CAPTEUR POUR LA SURVEILLANCE DE CARACTERISTIQUES AMBIANTES**
[72] PISILA, EERO, FI
[72] HINTIKKA, ANTTI, FI
[71] SOLENTUM B.V., NL
[85] 2018-04-03
[86] 2015-10-02 (PCT/FI2015/050662)
[87] (WO2016/051026)
[30] FI (20145859) 2014-10-02

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[13] A1
[51] **Int.Cl. C07D 401/08 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PYRROLIDINE DERIVATIVES**
[54] **DERIVES DE PYRROLIDINE**
[72] CHEN, LI, CN
[72] DUAN, YUEJIAO, CN
[72] SHE, JIN, CN
[72] WU, CHENGDE, CN
[71] HUA MEDICINE (SHANGHAI) LTD., CN
[85] 2018-04-03
[86] 2016-10-21 (PCT/CN2016/102946)
[87] (WO2017/071536)
[30] CN (201510713865.7) 2015-10-28

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[13] A1
[51] **Int.Cl. F04B 15/02 (2006.01) B08B 9/093 (2006.01) F04B 23/02 (2006.01) F04B 37/14 (2006.01) F04B 41/02 (2006.01) F04B 53/20 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE PUMPING OF A PRODUCT BY SUCTION**
[54] **PROCEDE ET DISPOSITIF POUR LE POMPAGE D'UN PRODUIT PAR ASPIRATION**
[72] RIVARD, DANIEL, FR
[71] ORTEC EXPANSION, FR
[85] 2018-04-03
[86] 2016-10-05 (PCT/FR2016/052551)
[87] (WO2017/060616)
[30] FR (1559578) 2015-10-08

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[13] A1
[51] **Int.Cl. C22B 3/20 (2006.01) B01D 11/04 (2006.01) C22B 3/02 (2006.01)**
[25] EN
[54] **EXTRACTION ARRANGEMENT FOR SOLVENT EXTRACTION**
[54] **DISPOSITIF D'EXTRACTION POUR EXTRACTION PAR SOLVANT**
[72] FREDRIKSSON, HENRI, FI
[72] SAARIO, RAMI, FI
[72] MATINHEIKKI, JURI, FO
[72] VESANEN, MANU, FI
[72] VUORTENVALI, HANNA, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-04-03
[86] 2016-10-06 (PCT/FI2016/050694)
[87] (WO2017/060568)
[30] FI (20155702) 2015-10-07

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[13] A1
[51] **Int.Cl. B27N 3/00 (2006.01)**
[25] EN
[54] **WOOD PARTICLE BOARDS**
[54] **PANNEAUX DE PARTICULES DE BOIS**
[72] HAND, RICHARD, GB
[71] KNAUF INSULATION SPRL, BE
[85] 2018-04-03
[86] 2016-10-07 (PCT/EP2016/074034)
[87] (WO2017/060450)
[30] GB (1517882.5) 2015-10-09

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[13] A1
[51] **Int.Cl. D04C 1/12 (2006.01) C08J 5/04 (2006.01) D06M 15/227 (2006.01) D07B 1/02 (2006.01) D07B 1/14 (2006.01) D07B 1/16 (2006.01)**
[25] EN
[54] **COMPOSITE LENGTHY BODY**
[54] **CORPS ALLONGE COMPOSITE**
[72] MARISSEN, ROELOF, NL
[72] SCHNEIDERS, HANS, NL
[72] BOSMAN, RIGOBERT, NL
[72] WIENKE, DIETRICH, NL
[72] NIELABA, LEONARD, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-04-03
[86] 2016-10-07 (PCT/EP2016/074052)
[87] (WO2017/060461)
[30] EP (15189133.0) 2015-10-09

[21] **3,000,800**
[13] A1
[51] **Int.Cl. F03D 1/00 (2006.01) F03D 9/11 (2016.01) F03D 9/25 (2016.01) F03D 80/70 (2016.01) F03D 3/00 (2006.01) F03D 9/00 (2016.01)**
[25] EN
[54] **APPARATUS AND METHOD OF GENERATING ENERGY FROM RENEWABLE ENERGY SOURCES**
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'ENERGIE A PARTIR DE SOURCES D'ENERGIE RENOUVELABLE**
[72] COMAN, CHRISTOPHER JOHN ANTHONY, GB
[71] COMAN, CHRISTOPHER JOHN ANTHONY, GB
[85] 2018-04-03
[86] 2016-08-25 (PCT/GB2016/052653)
[87] (WO2017/060669)
[30] GB (1517525.0) 2015-10-05

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[13] A1
[51] **Int.Cl. C08J 5/04 (2006.01) D06M 15/227 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE FIBRES COMPOSITE SHEET**
[54] **FEUILLE COMPOSITE A BASE DE FIBRES HAUTE PERFORMANCE**
[72] MARISSEN, ROELOF, NL
[72] WILMS, JOHANNES, NL
[72] NIELABA, LEONARD, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-04-03
[86] 2016-10-07 (PCT/EP2016/074066)
[87] (WO2017/060469)
[30] EP (15189131.4) 2015-10-09

[21] **3,000,802**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 11/00 (2006.01) C07D 519/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATMENT OF CYSTIC FIBROSIS**
[54] **NOUVEAUX COMPOSES DESTINES AU TRAITEMENT DE LA FIBROSE KYSTIQUE**
[72] AKKARI, RHALID, FR
[72] ALVEY, LUKE JONATHAN, FR
[72] BOCK, XAVIER MARIE, FR
[72] BROWN, BRIAN S., US
[72] CLAES, PIETER ISABELLE ROGER, BE
[72] COWART, MARLON D., US
[72] CONRATH, KATJA E., BE
[72] CYR, DOUGLAS, US
[72] DE LEMOS, ELSA, FR
[72] DE WILDE, GERT JULES HECTOR, BE
[72] DESROY, NICOLAS, FR
[72] DUTHION, BERANGER, FR
[72] GFESSER, GREGORY A., US
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] HOUSSEMAN, CHRISTOPHER GAETAN, FR
[72] JANSEN, KOEN KAREL, BE
[72] JI, JIANGUO, US
[72] KYM, PHILIP R., US
[72] LEFRANCOIS, JEAN-MICHEL, FR
[72] MAMMOLITI, OSCAR, BE
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] MERAYO, NURIA MERAYO, FR
[72] NEWSOME, GREGORY JOHN ROBERT, FR
[72] PALISSE, ADELINE MARIE ELISE, BE
[72] PATEL, SACHIN V., US
[72] PIZZONERO, MATHIEU RAFAEL, FR
[72] SHRESTHA, ANURUPA, US
[72] SWIFT, ELIZABETH C., US
[72] TSE, CHRIS, US
[72] VAN DER PLAS, STEVEN EMIEL, BE
[72] WANG, XUEQING, US
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2018-04-03
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[25] EN
[54] **OXIME GROUP-CONTAINING CONDENSED HETEROCYCLIC COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND, AND METHOD FOR USING THE INSECTICIDE**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE CONTENANT UN GROUPE OXIME OU SES SELS, ET INSECTICIDE AGRICOLE ET HORTICOLE CONTENANT LEDIT COMPOSE ET SON PROCEDE D'UTILISATION**
[72] SANO, YUSUKE, JP
[72] YONEMURA, IKKI, JP
[72] MATSUO, SOICHIRO, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[71] NIHON NOHYAKU CO., LTD., JP
[85] 2018-04-03
[86] 2016-10-12 (PCT/JP2016/080274)
[87] (WO2017/065183)
[30] JP (2015-201937) 2015-10-13
[30] JP (2016-030466) 2016-02-19
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[51] **Int.Cl. A47J 31/60 (2006.01) A47J 31/36 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **ESPRESSO COFFEE MACHINE WITH SYSTEM FOR CLEANING THE COFFEE DISPENSING SYSTEM**
[54] **MACHINE A CAFE EXPRESSO POURVUE D'UN SYSTEME DE NETTOYAGE DU SYSTEME DE DISTRIBUTION DE CAFE**
[72] DELLA PIETRA, STEFANO, IT
[72] BIANCHI, ROBERTO, IT
[71] LA MARZOCCO S.R.L., IT
[85] 2018-04-03
[86] 2016-10-14 (PCT/EP2016/074726)
[87] (WO2017/067854)
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[51] **Int.Cl. C22B 5/02 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING METALS FROM CONCENTRATED SULPHURATED MINERALS CONTAINING METALS BY DIRECT REDUCTION WITH REGENERATION AND RECYCLING OF THE REDUCING AGENT, IRON, AND OF THE FLUX, SODIUM CARBONATE**
[54] **PROCEDE D'EXTRACTION DE METAUX A PARTIR DES CONCENTRES DE MINERAIS SULFURES LES CONTENANT PAR APPLICATION D'UNE REDUCTION DIRECTE AVEC REGENERATION ET RECYCLAGE DE L'AGENT REDUCTEUR TEL QUE DU FER ET DU FONDANT TEL QUE DU CARBONATE DE SODIUM**
[72] CARDENAS ARBIETO, FRANCISCO JAVIER, PE
[71] CARDENAS ARBIETO, FRANCISCO JAVIER, PE
[85] 2018-03-27
[86] 2016-08-15 (PCT/PE2016/000014)
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[51] **Int.Cl. C03C 4/08 (2006.01) C03C 3/087 (2006.01)**
[25] EN
[54] **AN UV ABSORBENT GREEN SOLAR CONTROL GLASS COMPOSITION**
[54] **COMPOSITION DE VERRE VERT SOLAIRE ABSORBANT LES UV**
[72] CID-AGUILAR, JOSE GUADALUPE, MX
[72] CABRERA-LLANOS, ROBERTO MARCOS, MX
[72] BETANCOURT-CARRIZALES, LUIS URBANO, MX
[71] VIDRIO PLANO DE MEXICO, S.A. DE C.V., MX
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[25] EN
[54] **CROP NETTING MATERIAL**
[54] **MATERIAU DE FILET POUR CULTURE**
[72] TOYE, JONATHAN DALLAS, NZ
[71] NINE IP LIMITED, NZ
[85] 2018-04-03
[86] 2016-10-21 (PCT/IB2016/095008)
[87] (WO2017/068563)
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[25] EN
[54] **MPHOSPH1-DERIVED PEPTIDE, AND VACCINE INCLUDING SAME**
[54] **PEPTIDE DERIVE DE MPHOSPH1 ET VACCIN LE CONTENANT**
[72] YAMASHITA, SACHIKO, JP
[72] HIKICHI, TETSURO, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2018-04-03
[86] 2016-10-06 (PCT/JP2016/079716)
[87] (WO2017/061522)
[30] JP (2015-200220) 2015-10-08

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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 35/17 (2015.01) A61K 35/12 (2015.01) A61K 38/00 (2006.01) A61K 48/00 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 1/18 (2006.01) A61P 11/00 (2006.01) A61P 13/08 (2006.01) A61P 13/10 (2006.01) A61P 13/12 (2006.01) A61P 15/00 (2006.01) A61P 19/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/04 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **FOXM1-DERIVED PEPTIDE, AND VACCINE INCLUDING SAME**
[54] **PEPTIDE DERIVE DE FOXM1 ET VACCIN LE CONTENANT**
[72] YAMASHITA, SACHIKO, JP
[72] HIKICHI, TETSURO, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2018-04-03
[86] 2016-10-06 (PCT/JP2016/079717)
[87] (WO2017/061523)
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[51] **Int.Cl. B65D 88/00 (2006.01) B65D 85/00 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **PALLET FOR CYLINDERS, METHOD FOR ARRANGING CYLINDERS IN A PALLET, AND PALLET WITH CYLINDERS**
[54] **CONTENEUR DE BONBONNES, PROCEDE DE DISPOSITION DE BONBONNES DANS UN CONTENEUR ET CONTENEUR AVEC BONBONNES**
[72] KLUNIN, OLEG STANISLAVOVICH, RU
[72] BOGACHEK, OLEG EVGENIEVICH, RU
[71] SOROKIN, KONSTANTIN VLADIMIROVICH, RU
[85] 2018-04-03
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[87] (WO2017/058059)
[30] RU (2015141773) 2015-10-01

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[51] **Int.Cl. B65C 9/18 (2006.01) B65C 9/26 (2006.01)**
[25] EN
[54] **LABEL PICKING ARRANGEMENT AND METHOD FOR PICKING LABELS**
[54] **SYSTEME DE PRELEVEMENT D'ETIQUETTE ET PROCEDE DE PRELEVEMENT D'ETIQUETTE**
[72] HALL, LEIF, SE
[71] ROLLQUETT PATENT AB, SE
[85] 2018-04-03
[86] 2016-10-17 (PCT/SE2016/051001)
[87] (WO2017/069682)
[30] SE (1551354-2) 2015-10-21

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[51] **Int.Cl. G01G 19/02 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VERIFYING CONTENTS DECLARATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE VERIFIER UNE DECLARATION DE CONTENUS**
[72] HOLMES, PETER, US
[72] WHITE, DAVID, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-04-03
[86] 2016-08-16 (PCT/US2016/047133)
[87] (WO2017/058376)
[30] US (62/235,661) 2015-10-01

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[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ANTI-AGE ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-AGE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] GRUBER, LEWIS S., US
[71] SIWA CORPORATION, US
[85] 2018-04-03
[86] 2016-05-27 (PCT/US2016/034880)
[87] (WO2017/065837)
[30] US (62/241,007) 2015-10-13
[30] US (14/974,561) 2015-12-18

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/113 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **FULL INTERROGATION OF NUCLEASE DSBS AND SEQUENCING (FIND-SEQ)**
[54] **INTERROGATION COMPLETE DE DSB NUCLEASIQUES ET SEQUENCAGE (FIND-SEQ)**
[72] TSAI, SHENGDAR, US
[72] JOUNG, J. KEITH, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-04-03
[86] 2016-09-09 (PCT/US2016/051097)
[87] (WO2017/044843)
[30] US (62/217,690) 2015-09-11

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[51] **Int.Cl. B62H 5/00 (2006.01)**
[25] EN
[54] **ANTI-THEFT BICYCLE LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE ANTIVOL DE BICYCLETTE**
[72] HOLLO, CSABA, HU
[71] HOLLO, CSABA, HU
[85] 2018-03-26
[86] 2015-09-24 (PCT/HU2015/050008)
[87] (WO2016/046579)
[30] HU (P1400455) 2014-09-26

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[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/50 (2006.01) C11D 7/04 (2006.01) C11D 7/22 (2006.01) C11D 17/00 (2006.01) C11D 17/06 (2006.01)**
[25] EN
[54] **PARTICLES FOR MALODOR REDUCTION**
[54] **PARTICULES POUR LA REDUCTION DES MAUVAISES ODEURS**
[72] FRANKENBACH, GAYLE MARIE, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-29
[86] 2016-10-19 (PCT/US2016/057573)
[87] (WO2017/070131)
[30] US (14/886,855) 2015-10-19

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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/42 (2006.01) C08G 18/76 (2006.01) C08K 5/00 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE POLYURETHANE PREPOLYMER AND CURING COMPOSITIONS**
[54] **PREPOLYMERE DE POLYURETHANE DE HAUTE PERFORMANCE ET COMPOSITIONS DE DURCISSEMENT**
[72] DOYLE, THOMAS R., US
[71] LANXESS SOLUTIONS US INC., US
[85] 2018-03-29
[86] 2016-11-01 (PCT/US2016/059831)
[87] (WO2017/087156)
[30] US (62/256,251) 2015-11-17

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[13] A1
[51] **Int.Cl. H04W 28/06 (2009.01) H04B 7/06 (2006.01)**
[25] EN
[54] **A TECHNIQUE FOR REDUCING SECTOR SWEEP TIME FOR MILLIMETER-WAVE DEVICES**
[54] **TECHNIQUE DE REDUCTION DE TEMPS DE BALAYAGE DE SECTEUR POUR DES DISPOSITIFS A ONDES MILLIMETRIQUES**
[72] SANDEROVICH, AMICHAI, US
[72] EITAN, ALECSANDER PETRU, US
[72] HAY, RAN, US
[72] BASSON, GAL, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-29
[86] 2016-11-04 (PCT/US2016/060466)
[87] (WO2017/079518)
[30] US (62/250,879) 2015-11-04
[30] US (62/278,505) 2016-01-14
[30] US (15/342,735) 2016-11-03

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **CONSOLIDATED REFRIGERATION AND LIQUEFACTION MODULE IN A HYDROCARBON PROCESSING PLANT**
[54] **MODULE DE REFRIGERATION ET DE LIQUEFACTION CONSOLIDE DANS UNE INSTALLATION DE TRAITEMENT D'HYDROCARBURES**
[72] LUPASCU, SORIN T., US
[72] GUY, ASHLEY RAY, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-04-03
[86] 2016-09-16 (PCT/US2016/052149)
[87] (WO2017/062154)
[30] US (62/237,842) 2015-10-06

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[51] **Int.Cl. A61K 47/42 (2017.01) A61K 38/12 (2006.01) A61K 38/13 (2006.01) A61K 38/17 (2006.01) C12N 9/90 (2006.01)**
[25] EN
[54] **METHODS AND REAGENTS FOR ANALYZING PROTEIN-PROTEIN INTERFACES**
[54] **PROCEDES ET REACTIFS POUR L'ANALYSE D'INTERFACES PROTEINE-PROTEINE**
[72] VERDINE, GREGORY L., US
[72] NICHOLS, M. JAMES, US
[72] TOWNSON, SHARON A., US
[72] SHIGDEL, UDDHAV KUMAR, US
[72] LEE, SEUNG-JOO, US
[72] STILES, DYLAN T., US
[72] ANTHONY, NEVILLE J., US
[71] WARP DRIVE BIO, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054691)
[87] (WO2017/059207)
[30] US (62/235,896) 2015-10-01

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[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/30 (2006.01)**
[25] EN
[54] **AIR DRYER**
[54] **DESSICCATEUR D'AIR**
[72] MIEHE, DONALD, US
[72] PATEL, NITEEN, US
[72] BABCOCK, J. HUNTER, US
[72] WISDOM, BENJAMIN, US
[72] GINDER, WILLIAM, US
[72] COLATOSTI, DAVID, US
[72] MCGLUMPHY, JONATHAN, US
[71] GRAHAM-WHITE MANUFACTURING COMPANY, US
[85] 2018-04-03
[86] 2016-09-19 (PCT/US2016/052414)
[87] (WO2017/062169)
[30] US (14/874,440) 2015-10-04

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **EXTREME REVERSE TRANSCRIPTION PCR**
[54] **PCR PAR TRANSCRIPTION INVERSE EXTREME**
[72] WITTWER, CARL T., US
[72] QUACKENBUSH, JOHN FRANCIS, US
[72] HOUSKEEPER, JESSICA ANNE, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2018-03-29
[86] 2016-11-04 (PCT/US2016/060650)
[87] (WO2017/079636)
[30] US (62/251,400) 2015-11-05

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[51] **Int.Cl. A61M 39/08 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **ASPIRATION APPARATUS AND METHOD OF USING THE SAME**
[54] **APPAREIL D'ASPIRATION ET SON PROCEDE D'UTILISATION**
[72] MYERS, KRISTI A., US
[71] MYERS, KRISTI A., US
[85] 2018-04-03
[86] 2016-09-19 (PCT/US2016/052532)
[87] (WO2017/058556)
[30] US (62/236,555) 2015-10-02

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[13] A1
[51] **Int.Cl. B65D 85/816 (2006.01) B28C 7/12 (2006.01) B65D 43/02 (2006.01) G01F 19/00 (2006.01)**
[25] EN
[54] **DRY JOINT COMPOUND IN A GRADUATED CONTAINER FOR ACCURATE WATER ADDITION**
[54] **COMPOSE A JOINTS SEC DANS UN RECIPIENT GRADUE POUR ADDITION D'EAU PRECISE**
[72] HARGROVE, PAMELA L., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-04-03
[86] 2016-09-20 (PCT/US2016/052632)
[87] (WO2017/062172)
[30] US (62/237,184) 2015-10-05
[30] US (15/237,217) 2016-08-15

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[51] **Int.Cl. H04L 29/06 (2006.01) G06F 21/57 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING SECURITY RISK IN A NETWORKED COMPUTER SYSTEM ARCHITECTURE**
[54] **PROCEDE ET APPAREIL POUR REDUIRE LE RISQUE DE SECURITE DANS UNE ARCHITECTURE DE SYSTEME INFORMATIQUE EN RESEAU**
[72] TAMIR, GIORA, US
[72] HENDERSON, LISA, US
[72] BERNAL, JOSE, US
[72] BOYLE, BRYAN, US
[71] SERVICENOW, INC., US
[85] 2018-03-29
[86] 2017-04-11 (PCT/US2017/026989)
[87] (WO2017/180611)
[30] US (15/096,715) 2016-04-12

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/26 (2006.01) B60T 17/00 (2006.01) F15B 21/04 (2006.01)**
[25] EN
[54] **AIR DRYER CONTROL USING HUMIDITY**
[54] **COMMANDE D'ASSECHEUR D'AIR UTILISANT L'HUMIDITE**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2018-04-03
[86] 2016-09-23 (PCT/US2016/053234)
[87] (WO2017/062190)
[30] US (62/236,960) 2015-10-04

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[51] **Int.Cl. G16H 40/20 (2018.01) A61B 50/30 (2016.01) A61B 90/90 (2016.01) A61B 90/98 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING WRONG-SITE SURGERIES**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EVITER LES ERREURS DE SITE OPERATOIRE**
[72] KHAJAVI, KAVEH, US
[72] LANE, DAVID E., II, US
[72] KERWOOD, JOHN G., US
[72] DAVIS, CHRISTOPHER, US
[72] SPANGLER, JONATHAN DAVID, US
[72] DENTRY, TIMOTHY BRIAN, US
[71] STARTBOX, LLC, US
[85] 2018-03-29
[86] 2016-10-03 (PCT/US2016/055210)
[87] (WO2017/059452)
[30] US (14/873,974) 2015-10-02
[30] US (62/273,094) 2015-12-30
[30] US (62/331,819) 2016-05-04
[30] US (62/331,790) 2016-05-04
[30] US (62/332,330) 2016-05-05

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[51] **Int.Cl. B63H 1/26 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **PROPELLER**
[54] **HELICE**
[72] SHARROW, GREGORY CHARLES, US
[71] SHARROW ENGINEERING LLC, US
[85] 2018-03-29
[86] 2017-05-25 (PCT/US2017/034558)
[87] (WO2017/205680)
[30] US (62/342,284) 2016-05-27
[30] US (62/508,139) 2017-05-18

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[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/00 (2016.01) A23L 2/00 (2006.01) A23L 2/52 (2006.01) A23L 2/60 (2006.01)**
[25] EN
[54] **SWEETENING COMPOSITIONS**
[54] **COMPOSITIONS EDULCORANTES**
[72] BROWNE, DAMIAN, US
[72] FANG, YUAN, US
[72] ZHANG, NAIJIE, US
[71] PEPSICO, INC., US
[85] 2018-03-29
[86] 2017-08-04 (PCT/US2017/045553)
[87] (WO2018/027157)
[30] US (62/370,799) 2016-08-04
[30] US (62/377,168) 2016-08-19

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[13] A1
[51] **Int.Cl. A63F 13/00 (2014.01) G07F 17/26 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELLING AND DISTRIBUTING LOTTERY TICKETS**
[54] **SYSTEMES ET PROCEDES POUR VENDRE ET DISTRIBUER DES BILLETS DE LOTERIE**
[72] ZYGULA, JAROSLAW F., US
[71] ZFPP, LLC, US
[85] 2018-04-03
[86] 2016-09-29 (PCT/US2016/054487)
[87] (WO2017/059098)
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[51] **Int.Cl. C07K 16/32 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODY SPECIFICALLY BINDING TO ERBB3 AND USE THEREOF**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A ERBB3 ET UTILISATION ASSOCIEE**
[72] BAE, DONG GOO, KR
[72] KIM, MI YOUNG, KR
[72] HUR, YOUNG MI, KR
[72] HONG, MI RIM, KR
[71] ISU ABXIS CO., LTD., KR
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[30] KR (10-2015-0173281) 2015-12-07

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[51] **Int.Cl. A01K 67/033 (2006.01) A01N 63/00 (2006.01) A61K 39/07 (2006.01)**
[25] EN
[54] **MOLLUSK-KILLING BIOPESTICIDE**
[54] **BIOPESTICIDE DE DESTRUCTION DE MOLLUSQUES**
[72] DE LEY, IRMA TANDINGAN, US
[72] MCDONNELL, RORY, US
[72] PAINE, TIMOTHY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[86] 2016-09-30 (PCT/US2016/054969)
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[51] **Int.Cl. F16L 3/13 (2006.01)**
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[54] **SINGLE BOLT SHAFT CLAMP**
[54] **ARBRE DE PINCE A BOULON UNIQUE**
[72] GLOVER, JIM, US
[71] KARSTEN MANUFACTURING CORPORATION, US
[85] 2018-04-03
[86] 2016-09-30 (PCT/US2016/054997)
[87] (WO2017/059358)
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[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFICATION OF CREDENTIALS STORED IN A COMPUTING DEVICE**
[54] **PROCEDE ET SYSTEME POUR L'IDENTIFICATION DE JUSTIFICATIFS D'IDENTITE STOCKES DANS UN DISPOSITIF INFORMATIQUE**
[72] DHALA, AMYN, US
[72] CATELAND, AXEL EMILE JEAN CHARLES, US
[72] BYRD, NATHANIEL, US
[72] KITCHEN, ERIC, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-04-03
[86] 2016-09-23 (PCT/US2016/053276)
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[30] US (14/874,834) 2015-10-05

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[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **SYNTHETICALLY FABRICATED AND CUSTOM FITTED DRESSWARE**
[54] **ARTICLES D'HABILLEMENT FACONNES SYNTHETIQUEMENT ET AJUSTES SUR MESURE**
[72] KNOWLTON, EDWARD, US
[71] KNOWLTON, EDWARD, US
[85] 2018-04-03
[86] 2016-10-03 (PCT/US2016/055187)
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[25] EN
[54] **SPRAY TARGETING AND PLUME SHAPING FOR COLLIDING JET ATOMIZER WITH ASYMMETRICAL RADIAL DISTRIBUTION**
[54] **CIBLAGE PAR PULVERISATION ET MISE EN FORME DE PANACHE POUR PULVERISATEUR A JET EN COLLISION AVEC DISTRIBUTION ASYMETRIQUE RADIALE**
[72] MULYE, NIRMAL, US
[72] BARROS NETO, OSANAN L., US
[72] LOSCRUDATO, FRANK S., US
[72] ATKINSON, WILLIAM R., US
[71] NOSTRUM ENERGY PTE. LTD., SG
[71] MULYE, NIRMAL, US
[71] BARROS NETO, OSANAN L., US
[71] LOSCRUDATO, FRANK S., US
[71] ATKINSON, WILLIAM R., US
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[86] 2016-09-30 (PCT/US2016/054754)
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[54] **PROTEIN HYDROLYSATE, METHOD FOR MAKING, AND USE**
[54] **HYDROLYSAT DE PROTEINES, PROCEDE DE FABRICATION ET UTILISATION**
[72] YOUNG, MICHAEL, US
[72] WARD, LOREN, US
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
[85] 2018-04-03
[86] 2016-10-03 (PCT/US2016/055191)
[87] (WO2017/059440)
[30] US (62/236,842) 2015-10-02
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[51] **Int.Cl. A61K 31/20 (2006.01) C07F 9/02 (2006.01) C11D 1/28 (2006.01)**
[25] EN
[54] **PREVENTION, TREATMENT AND REVERSAL OF DISEASE USING THERAPEUTICALLY EFFECTIVE AMOUNTS OF ACTIVATED FATTY ACIDS**
[54] **PREVENTION, TRAITEMENT ET INVERSION DE MALADIE A L'AIDE DE QUANTITES THERAPEUTIQUEMENT EFFICACES D'ACIDES GRAS ACTIVES**
[72] JORKASKY, DIANE, US
[71] COMPLEXA, INC., US
[85] 2018-04-03
[86] 2016-10-03 (PCT/US2016/055206)
[87] (WO2017/059451)
[30] US (62/236,702) 2015-10-02

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[54] **CAPSULE FOR BEVERAGES**
[54] **CAPSULE POUR BOISSONS**
[72] BARTOLI, ANDREA, IT
[72] CAPITINI, DAVIDE, IT
[72] SOLIERI, MATTIA, IT
[71] SARONG SOCIETA' PER AZIONI, IT
[85] 2018-04-03
[86] 2016-10-21 (PCT/IB2016/056333)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING NEURODEGENERATIVE DISEASES**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] SOLOMON, BEKA, IL
[72] RABINOVICH-NIKITIN, INNA, IL
[72] BARBIRO, BEKA, IL
[72] EZRA, ASSAF, IL
[71] RAMOT AT TEL-AVIV UNIVERSITY LTD., IL
[85] 2018-04-03
[86] 2016-10-19 (PCT/IL2016/051133)
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DYNAMIC GENERATION AND LAYOUT OF MEDIA ASSETS IN A CAMPAIGN MANAGEMENT SYSTEM**
[54] **GENERATION ET AGENCEMENT DYNAMIQUES DE CONTENUS MULTIMEDIAS DANS UN SYSTEME DE GESTION DE CAMPAGNE**
[72] WICKRAMASURIYA, JEHAN, US
[72] VASUDEVAN, VENUGOPAL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-04-03
[86] 2016-10-05 (PCT/US2016/055420)
[87] (WO2017/062406)
[30] US (14/876,755) 2015-10-06

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[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) A61L 9/015 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COUPLING THE OPERATIONS OF A VOLATILE COMPOSITION DISPENSER AND A SMART APPLIANCE**
[54] **SYSTEMES ET PROCEDES POUR LE COUPLAGE DU FONCTIONNEMENT D'UN DISTRIBUTEUR DE COMPOSITION VOLATILE AVEC CELUI D'UN APPAREIL INTELLIGENT**
[72] HASENOEHRL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-04-03
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[30] US (14/879,112) 2015-10-09

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[25] EN
[54] **GATEWAY MULTI-VIEW VIDEO STREAM PROCESSING FOR SECOND-SCREEN CONTENT OVERLAY**
[54] **TRAITEMENT DE FLUX VIDEO MULTI-VUE DE PASSERELLE POUR RECOUVREMENT DE CONTENU DE SECOND ECRAN**
[72] WODKA, JOSEPH F., US
[72] WICKRAMASURIYA, JEHAN, US
[72] VASUDEVAN, VENUGOPAL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-04-03
[86] 2016-10-05 (PCT/US2016/055416)
[87] (WO2017/062404)
[30] US (14/876,419) 2015-10-06

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[13] A1
[51] **Int.Cl. E01B 27/12 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **LIGHT REFERENCE SYSTEM**
[54] **SYSTEME DE REFERENCE DE LUMIERE**
[72] PETERSEN, MICHAEL, US
[71] HARSCO TECHNOLOGIES LLC, US
[85] 2018-04-03
[86] 2016-10-05 (PCT/US2016/055493)
[87] (WO2017/062452)
[30] US (62/237,137) 2015-10-05

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[25] EN
[54] **ANALYSIS OF TRANSACTION INFORMATION USING GRAPHS**
[54] **ANALYSE D'INFORMATIONS DE TRANSACTIONS A L'AIDE DE GRAPHIQUES**
[72] GIESEKE, ERIC JAMES, US
[71] ACI WORLDWIDE CORP., US
[85] 2018-04-03
[86] 2016-12-16 (PCT/US2016/067097)
[87] (WO2017/106600)
[30] US (14/974,786) 2015-12-18

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[25] EN
[54] **RATIONAL COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE RATIONELLE POUR LE TRAITEMENT DU CANCER**
[72] CHIOSIS, GABRIELA, US
[72] TALDONE, TONY, US
[72] SHRESTHA, LIZA, US
[72] KOREN, JOHN, US
[72] GOMES-DAGAMA, ERICA M., US
[72] RODINA, ANNA, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2018-04-03
[86] 2016-10-05 (PCT/US2016/055594)
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[51] **Int.Cl. G01J 1/44 (2006.01) G01J 1/04 (2006.01) G01J 1/06 (2006.01)**
[25] EN
[54] **MULTI-SENSOR**
[54] **MULTI-CAPTEUR**
[72] BROWN, STEPHEN CLARK, US
[72] SHRIVASTAVA, DHAIRYA, US
[72] ZEDLITZ, JASON, US
[72] FRANK, TREVOR, US
[72] WANG, JUE, US
[72] MCGONIGLE, BRIAN, US
[72] RUMER, ALEXANDER, US
[72] MULLINS, DENNIS, US
[72] KANESHIRO, KEVIN, US
[71] VIEW, INC., US
[85] 2018-04-03
[86] 2016-10-06 (PCT/US2016/055709)
[87] (WO2017/062592)
[30] US (14/998,019) 2015-10-06

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[51] **Int.Cl. C10G 1/08 (2006.01) C10G 1/10 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **OXYGENATE REDUCTION CATALYST AND PROCESS**
[54] **CATALYSEUR ET PROCEDE DE REDUCTION DE COMPOSES OXYGENES**
[72] HEYDENRYCH, MICHAEL, ZA
[72] DEL FABBRO, OLINTO, ZA
[72] FOCKE, WALTER, ZA
[72] LABUSCHAGNE, FREDERICK, ZA
[72] MERCKEL, RYAN, ZA
[71] UNIVERSITY OF PRETORIA, ZA
[85] 2018-04-03
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[30] ZA (2015/07340) 2015-10-05

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[51] **Int.Cl. A61K 36/185 (2006.01) A61K 8/92 (2006.01) A61K 47/00 (2006.01) A61K 47/12 (2006.01) A61P 1/02 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **SANDALWOOD OIL AND ITS USES RELATED TO ORAL MUCOSITIS**
[54] **ESSENCE DE SANTAL ET SES UTILISATIONS LIEES A LA MUCOSITE BUCCALE**
[72] LEVENSON, COREY, US
[72] CASTELLA, PAUL, US
[72] CLEMENTS, IAN, US
[71] SANTALIS PHARMACEUTICALS, INC., US
[85] 2018-04-03
[86] 2016-10-06 (PCT/US2016/055766)
[87] (WO2017/062631)
[30] US (62/238,449) 2015-10-07

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[51] **Int.Cl. H04R 7/14 (2006.01) H01B 1/04 (2006.01) H04R 9/06 (2006.01) H04R 9/08 (2006.01)**
[25] EN
[54] **GRAPHENE OXIDE BASED ACOUSTIC TRANSDUCER METHODS AND DEVICES**
[54] **PROCEDES ET DISPOSITIFS DE TRANSDUCTEURS ACOUSTIQUES A BASE D'OXYDE DE GRAPHENE**
[72] GASKELL, PETER, CA
[72] GASKELL, ROBERT-ERIC, CA
[72] SZKOPEK, THOMAS, CA
[72] HONG, JUNG WOOK, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2018-04-04
[86] 2015-10-06 (PCT/CA2015/000527)
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[30] US (62/060,043) 2014-10-06

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[51] **Int.Cl. H05B 6/72 (2006.01) A23L 3/01 (2006.01) B01J 19/12 (2006.01) H05B 6/78 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING APPARATUS AND METHOD OF HEATING**
[54] **APPAREIL DE CHAUFFAGE PAR MICRO-ONDE ET PROCEDE DE CHAUFFAGE**
[72] SWIERGON, PIOTR, AU
[72] SANGUANSRI, PEERASAK, AU
[72] GAMAGE, THAMBARAMALA V., AU
[72] KNOERZER, KAI, AU
[72] XU, XINQING, AU
[72] TRAN, NGUYEN, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] HORTICULTURE INNOVATION AUSTRALIA LIMITED, AU
[85] 2018-04-04
[86] 2016-09-02 (PCT/AU2016/050836)
[87] (WO2017/035604)
[30] AU (2015903603) 2015-09-03

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[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **STABILIZING SYSTEM FOR A KNEE BRACE**
[54] **SYSTEME DE STABILISATION POUR ATTELLE DE GENOU**
[72] GARRISH, ROBERT, CA
[71] SPRING LOADED TECHNOLOGY INCORPORATED, CA
[85] 2018-04-04
[86] 2016-09-27 (PCT/CA2016/000242)
[87] (WO2017/059518)
[30] US (14/874,988) 2015-10-05

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[51] **Int.Cl. C04B 40/06 (2006.01) G06F 19/20 (2011.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **TARGETING THE HISTONE PATHWAY TO DETECT AND OVERCOME ANTHRACYCLIN RESISTANCE**
[54] **CIBLAGE DE LA VOIE DE L'HISTONE POUR DETECTER ET VAINCRE LA RESISTANCE A L'ANTHRACYCLINE**
[72] SPEARS, MELANIE, CA
[72] BARTLETT, JOHN M.S., CA
[72] BRAUNSTEIN, MARSELA, CA
[72] KRZYZANOWSKI, PAUL M., CA
[72] KALATSKAYA, IRINA, CA
[72] STEIN, LINCOLN, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2018-04-04
[86] 2016-10-04 (PCT/CA2016/000247)
[87] (WO2017/059521)
[30] US (62/237,928) 2015-10-06

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[51] **Int.Cl. G01P 3/38 (2006.01) G01P 3/36 (2006.01) G08G 1/054 (2006.01)**
[25] EN
[54] **CAMERA-BASED SPEED ESTIMATION AND SYSTEM CALIBRATION THEREFOR**
[54] **SYSTEME D'ESTIMATION DE VITESSE BASE SUR UNE CAMERA ET SON ETALONNAGE**
[72] BLAIS-MORIN, LOUIS-ANTOINE, CA
[71] GENETEC INC., CA
[85] 2018-04-04
[86] 2016-08-17 (PCT/CA2016/050962)
[87] (WO2017/059527)
[30] US (14/876,016) 2015-10-06

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[13] A1
[51] **Int.Cl. A63B 60/02 (2015.01) A63B 59/50 (2015.01) A63B 59/51 (2015.01) A63B 59/52 (2015.01) A63B 59/58 (2015.01) A63B 60/04 (2015.01)**
[25] EN
[54] **BALL BAT WITH ADJUSTABLE-WEIGHT END CAP**
[54] **BATTE POUR JEU DE BALLE DOTEE D'UN CAPUCHON D'EXTREMITE DE POIDS REGLABLE**
[72] ANDERLE, JOHN, US
[72] CHAUVIN, DEWEY, US
[72] HUNT, LINDA, US
[72] DOUGLAS, GRANT, US
[72] MONTGOMERY, IAN, US
[72] ANDERSON, TREVOR, US
[71] EASTON DIAMOND SPORTS, LLC, US
[85] 2018-04-03
[86] 2016-10-06 (PCT/US2016/055840)
[87] (WO2017/062681)
[30] US (14/877,810) 2015-10-07

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[51] **Int.Cl. F03D 5/00 (2006.01) F03D 9/10 (2016.01) F03B 17/06 (2006.01)**
[25] EN
[54] **TRANSLATING FOIL SYSTEM FOR HARVESTING KINETIC ENERGY FROM WIND AND FLOWING WATER**
[54] **SYSTEME D'AILE PORTANTE A MOUVEMENT DE TRANSLATION PERMETTANT DE RECUPERER DE L'ENERGIE CINETIQUE DU VENT ET DES EAUX VIVES**
[72] DYSARSZ, HANS, CA
[71] DYSARSZ, HANS, CA
[85] 2018-04-04
[86] 2016-01-07 (PCT/CA2016/050012)
[87] (WO2016/109895)
[30] US (14/592,719) 2015-01-08

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[13] A1
[51] **Int.Cl. A61K 9/68 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **MEDICAL CHEWING GUM COMPRISING CANNABINOID**
[54] **CHEWING-GUM A USAGE MEDICAL CONTENANT DES CANABINOIDES**
[72] NEERGAARD, JESPER, DK
[72] OGBONNA, ANAYO, DK
[71] MEDCAN PHARMA A/S, DK
[85] 2018-04-04
[86] 2015-10-07 (PCT/DK2015/050300)
[87] (WO2017/059859)

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[51] **Int.Cl. A61H 1/02 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **REHABILITATION MECHANISM FOR PATIENTS CONFINED TO BED**
[54] **MECANISME DE REEDUCATION POUR PATIENTS ALITES**
[72] KONIG, ALEXANDER, DE
[72] SPIEGEL, SIMON, DE
[71] REACTIVE ROBOTICS GMBH, DE
[85] 2018-04-04
[86] 2016-10-12 (PCT/DE2016/100475)
[87] (WO2017/063639)
[30] DE (10 2015 117 435.9) 2015-10-13
[30] DE (10 2015 117 596.7) 2015-10-15

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[13] A1
[51] **Int.Cl. B60R 19/02 (2006.01) B60R 19/03 (2006.01) B60R 19/24 (2006.01)**
[25] EN
[54] **CROSSMEMBER AND METHOD FOR MANUFACTURING A CROSSMEMBER**
[54] **ENTRETOISE ET PROCEDE POUR FABRIQUER UNE ENTRETOISE**
[72] GARNWEIDNER, PETER, AT
[72] BLUMEL, MICHAEL, AT
[72] POVOLNIK, GERGELY, HU
[71] MAGNA INTERNATIONAL INC., CA
[85] 2018-04-04
[86] 2016-10-13 (PCT/CA2016/051190)
[87] (WO2017/063082)
[30] DE (10 2015 117 700.5) 2015-10-16

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **USE OF A GENETIC SIGNATURE DIAGNOSTICALLY TO EVALUATE TREATMENT STRATEGIES FOR PROSTATE CANCER**
[54] **UTILISATION DE MANIERE DIAGNOSTIQUE D'UNE SIGNATURE GENETIQUE POUR EVALUER LES STRATEGIES DE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] AL-DEEN ASHAB, HUSSAM, CA
[72] ERHO, NICHOLAS, CA
[72] ALSHALALFA, MOHAMMED, CA
[72] DAVICIONI, ELAI, US
[71] GENOMEDX BIOSCIENCES, INC., CA
[85] 2018-04-04
[86] 2016-10-07 (PCT/CA2016/051180)
[87] (WO2017/059549)
[30] US (62/239,181) 2015-10-08

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/82 (2006.01)**
[25] EN
[54] **STABILIZED BCL9 PEPTIDES FOR TREATMENT OF ABERRANT WNT SIGNALING**
[54] **PEPTIDES BCL9 STABILISES POUR LE TRAITEMENT DE LA SIGNALISATION WNT ABERRANTE**
[72] ZHU, DAVID, US
[71] WNTRX PHARMACEUTICALS INC., US
[85] 2018-04-03
[86] 2016-10-05 (PCT/US2016/055589)
[87] (WO2017/062518)
[30] US (62/237,489) 2015-10-05

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[13] A1
[51] **Int.Cl. B60C 25/00 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **BOTTLE CAP AND ITS USAGE METHOD**
[54] **BOUCHON DE BOUTEILLE ET SON PROCEDE D'UTILISATION**
[72] LAM, KOON FUNG, CN
[71] TOP ALLIANCE TECHNOLOGY LIMITED, VG
[71] LAM, KOON FUNG, CN
[85] 2018-04-04
[86] 2015-10-12 (PCT/CN2015/089340)
[87] (WO2017/063105)

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[13] A1
[51] **Int.Cl. A61K 31/54 (2006.01) A61K 31/195 (2006.01) A61K 31/44 (2006.01) A61K 31/522 (2006.01) A61K 31/573 (2006.01) A61K 31/59 (2006.01)**
[25] EN
[54] **SKIN-PENETRATING FORMULATION OF TAUROLIDINE**
[54] **FORMULATION DE PENETRATION CUTANEE A BASE DE TAUROLIDINE**
[72] DILUCCIO, ROBERT, US
[72] REIDENBERG, BRUCE, US
[71] CORMEDIX INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055882)
[87] (WO2017/062699)
[30] US (62/238,167) 2015-10-07

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ANTIGEN-BINDING POLYPEPTIDE CONSTRUCTS COMPRISING KAPPA AND LAMBDA LIGHT CHAINS AND USES THEREOF**
[54] **CONSTRUCTIONS DE POLYPEPTIDES DE LIAISON A L'ANTIGENE COMPRENANT DES CHAINES LEGERES KAPPA ET LAMBDA ET LEURS UTILISATIONS**
[72] UROSEV, DUNJA, CA
[72] SANCHES, MARIO, CA
[72] TOM-YEW, STACEY A.L., CA
[72] PRESTA, LEONARD G., US
[71] ZYMEWORKS INC., CA
[85] 2018-04-04
[86] 2016-10-07 (PCT/CA2016/051183)
[87] (WO2017/059551)
[30] US (62/239,206) 2015-10-08
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[13] A1
[51] **Int.Cl. H04W 36/08 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ANCHOR REPLACEMENT**
[54] **PROCEDE ET DISPOSITIF DE REMPLACEMENT DE POINT D'ANCRAGE**
[72] FENG, BIN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[86] 2015-11-06 (PCT/CN2015/094046)
[87] (WO2017/075824)

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[51] **Int.Cl. H04B 7/04 (2017.01)**
[25] EN
[54] **DISCOVERY SIGNAL TRANSMISSION IN CELLULAR SYSTEM**
[54] **TRANSMISSION DE SIGNAL DE DECOUVERTE DANS UN SYSTEME CELLULAIRE**
[72] HAKOLA, SAMI-JUKKA, FI
[72] TIIROLA, ESA TAPANI, FI
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[86] 2015-10-12 (PCT/EP2015/073506)
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[51] **Int.Cl. A61L 27/12 (2006.01) A61L 27/42 (2006.01) A61L 27/46 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **CURABLE CALCIUM PHOSPHATE COMPOSITIONS FOR USE WITH POROUS STRUCTURES AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE PHOSPHATE DE CALCIUM DURCISSABLES DESTINEES A ETRE UTILISEES AVEC DES STRUCTURES POREUSES, ET LEURS PROCEDES D'UTILISATION**
[72] ANGLE, SIDDHESH, US
[72] STRUNK, MICHAEL, US
[72] CHANG, TAK LUNG, US
[72] COALE, BRADFORD J., US
[72] STEBBINS, GREG, US
[72] LIEPINS, IMANTS, US
[71] ZIMMER KNEE CREATIONS, INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055940)
[87] (WO2017/062737)
[30] US (62/238,776) 2015-10-08

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[13] A1
[51] **Int.Cl. H02H 3/33 (2006.01) H02H 1/00 (2006.01) H02H 3/04 (2006.01)**
[25] EN
[54] **FAULT CURRENT PROTECTION DEVICE FOR MONITORING AN ELECTRIC LOAD FOR A VEHICLE, AND METHOD FOR CARRYING OUT A SELF-TEST OF A FAULT CURRENT SENSOR**
[54] **DISPOSITIF DE PROTECTION CONTRE LES COURANTS RESIDUELS POUR SURVEILLER UN CONSOMMATEUR ELECTRIQUE D'UN VEHICULE ET PROCEDE DE TEST AUTOMATIQUE D'UN CAPTEUR DE COURANT RESIDUEL**
[72] SEIDLER, KLAUS, DE
[72] MEIER, MICHAEL, DE
[71] JENOPTIK ADVANCED SYSTEMS GMBH, DE
[85] 2018-04-04
[86] 2016-09-09 (PCT/EP2016/071282)
[87] (WO2017/060035)
[30] DE (10 2015 012 923.6) 2015-10-07

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[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] SUTTERLUETY, ANDREAS, AT
[72] SUTTER, JOSEF, AT
[71] INNOVA PATENT GMBH, AT
[85] 2018-04-04
[86] 2016-09-21 (PCT/EP2016/072444)
[87] (WO2017/067731)
[30] AT (A 677/2015) 2015-10-19

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[51] **Int.Cl. H02H 9/00 (2006.01) H02H 1/04 (2006.01) H02H 3/08 (2006.01) H02H 3/42 (2006.01) H02H 9/02 (2006.01) H03K 17/00 (2006.01)**
[25] EN
[54] **ELECTRONIC CIRCUIT BREAKER**
[54] **DISJONCTEUR ELECTRONIQUE**
[72] ASANZA MALDONADO, DIEGO FERNANDO, DE
[71] ELLENBERGER & POENSGEN GMBH, DE
[85] 2018-04-04
[86] 2016-08-02 (PCT/EP2016/068464)
[87] (WO2017/059983)
[30] DE (10 2015 219 545.7) 2015-10-08

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **ELECTROPORATION FOR OBESITY OR DIABETES TREATMENT**
[54] **ELECTROPORATION POUR LE TRAITEMENT DE L'OBESITE OU LE DIABETE**
[72] DESIMONE, CHRISTOPHER V., US
[72] ABU DAYYEH, BARHAM K., US
[72] ASIRVATHAM, SAMUEL J., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055966)
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[30] US (62/238,191) 2015-10-07

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[13] A1
[51] **Int.Cl. H02H 3/38 (2006.01) H02H 3/40 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DIRECT CURRENT DISTANCE PROTECTION CONTROLLERS**
[54] **PERFECTIONNEMENTS APPORTES OU ASSOCIES A DES DISPOSITIF DE COMMANDE DE PROTECTION DE DISTANCE POUR COURANT CONTINU**
[72] SRI GOPALA KRISHNA MURTHI, SANKARA, GB
[72] HA, HENGXU, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-04-04
[86] 2016-09-29 (PCT/EP2016/073305)
[87] (WO2017/060155)
[30] EP (15275208.5) 2015-10-06

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[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/57 (2006.01) A61K 31/575 (2006.01) C07J 9/00 (2006.01) C07J 43/00 (2006.01)**
[25] EN
[54] **FARNESOID X RECEPTOR MODULATORS**
[54] **MODULATEURS DU RECEPTEUR FARNESOIDE X**
[72] PELLICCIARI, ROBERTO, IT
[72] GIOIELLO, ANTIMO, IT
[71] INTERCEPT PHARMACEUTICALS, INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055980)
[87] (WO2017/062763)
[30] US (62/238,246) 2015-10-07

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[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/02 (2006.01) B32B 15/01 (2006.01) C22C 21/00 (2006.01) C22C 21/02 (2006.01) C22C 21/04 (2006.01) C22C 21/08 (2006.01)**
[25] EN
[54] **ALUMINIUM COMPOSITE MATERIAL FOR USE IN THERMAL FLUX-FREE JOINING METHODS AND METHOD FOR PRODUCING SAME**
[54] **MATERIAU COMPOSITE D'ALUMINIUM POUR APPLICATION DANS DES PROCEDES D'ASSEMBLAGE THERMIQUE SANS FLUX ET PROCEDE DE PRODUCTION**
[72] ECKHARD, KATHRIN, DE
[72] RICHTER, THORSTEN, DE
[72] JANSSEN, HARTMUT, DE
[72] EIGEN, NICO, DE
[72] GUSSGEN, OLAF, DE
[71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2018-04-04
[86] 2016-10-04 (PCT/EP2016/073665)
[87] (WO2017/060234)
[30] EP (15188422.8) 2015-10-05

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **DYNAMIC CAPACITY RANGES FOR WORKFORCE ROUTING**
[54] **PLAGES DE CAPACITE DYNAMIQUE POUR L'ACHEMINEMENT DE MAIN-D'OEUVRE**
[72] THOMPSON, STUART, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055992)
[87] (WO2017/062769)
[30] US (62/238,937) 2015-10-08
[30] US (15/287,481) 2016-10-06

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[13] A1
[51] **Int.Cl. A61K 51/08 (2006.01)**
[25] EN
[54] **RECEPTOR-BINDING DOMAINS LIGANDS FOR THE DETECTION, DIAGNOSIS AND TREATMENT OF PANCREATIC CANCER**
[54] **LIGANDS DE DOMAINES DE LIAISON DE RECEPTEURS DESTINES A LA DETECTION, AU DIAGNOSTIC ET AU TRAITEMENT DU CANCER DU PANCREAS**
[72] TOUHAMI, JAWIDA, FR
[72] E, GUANGQI, FR
[72] GIOVANNINI, DONATELLA, FR
[72] ROBERT, BRUNO, FR
[72] SEVESTRE, SAMUEL, FR
[72] BUSSON, MURIEL, FR
[72] BATTINI, JEAN-LUC, FR
[72] PETIT, VINCENT, FR
[72] SITBON, MARC, FR
[71] METAFORA BIOSYSTEMS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2018-04-04
[86] 2016-10-05 (PCT/EP2016/073797)
[87] (WO2017/060304)
[30] EP (15188435.0) 2015-10-05

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[13] A1
[51] **Int.Cl. A47J 42/38 (2006.01)**
[25] EN
[54] **COFFEE GRINDER WITH VARYING SPEED**
[54] **MOULIN A CAFE A VITESSE VARIABLE**
[72] OTTAVI, NANDO, IT
[71] SIMONELLI GROUP S.P.A., IT
[85] 2018-04-04
[86] 2016-09-29 (PCT/EP2016/073236)
[87] (WO2017/055433)
[30] IT (102015000057426) 2015-10-01

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[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/02 (2006.01) B32B 15/01 (2006.01) C22C 21/00 (2006.01) C22C 21/02 (2006.01) C22C 21/04 (2006.01)**
[25] EN
[54] **ALUMINUM COMPOSITE MATERIAL FOR USE IN THERMAL FLUX-FREE JOINING METHODS AND METHOD FOR PRODUCING SAME**
[54] **MATERIAU COMPOSITE D'ALUMINIUM POUR APPLICATION DANS DES PROCEDES D'ASSEMBLAGE THERMIQUE SANS FLUX ET PROCEDE DE PRODUCTION**
[72] ECKHARD, KATHRIN, DE
[72] GUSSGEN, OLAF, DE
[72] RICHTER, THORSTEN, DE
[72] JANSSEN, HARTMUT, DE
[72] EIGEN, NICO, DE
[71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
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[86] 2016-10-04 (PCT/EP2016/073667)
[87] (WO2017/060236)
[30] EP (15188424.4) 2015-10-05

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[13] A1
[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING ARRANGEMENT DISORDER OF FIBERS IN CONDUCTIVE COMPOSITE MATERIAL, AND DEVICE FOR DETECTING ARRANGEMENT DISORDER OF FIBERS IN CONDUCTIVE COMPOSITE MATERIAL**
[54] **PROCEDE DE DETECTION D'AGENCEMENT DESORDONNE DE FIBRES DANS UN MATERIAU COMPOSITE CONDUCTEUR, ET DISPOSITIF DE DETECTION D'AGENCEMENT DESORDONNE DE FIBRES DANS UN MATERIAU COMPOSITE CONDUCTEUR**
[72] TSUDA, AKINORI, JP
[72] KAWAI, HIROKI, JP
[72] YAMAGUCHI, YUICHI, JP
[72] INAGAKI, KOICHI, JP
[72] HATANAKA, HIROAKI, JP
[71] IHI CORPORATION, JP
[85] 2018-04-03
[86] 2016-07-08 (PCT/JP2016/070304)
[87] (WO2017/061156)
[30] JP (2015-200887) 2015-10-09

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **REAGENT CARTRIDGE FOR DETECTION OF CELLS**
[54] **CARTOUCHE DE REACTIF POUR LA DETECTION DE CELLULES**
[72] FREI, WERNER, US
[72] GRISWOLD, RYAN C., US
[72] DONNELLY, DORAN, US
[72] PAGE, LANCE, US
[72] ROY, SHAUNAK, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-04-04
[86] 2016-10-05 (PCT/EP2016/073747)
[87] (WO2017/060276)
[30] US (62/237,177) 2015-10-05

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/485 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **A DEVICE FOR THE TRANSDERMAL DELIVERY OF BUPRENORPHINE**
[54] **DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE DE BUPRENORPHINE**
[72] SCASSO, ALEJANDRO FABIO, AR
[72] STEFANO, FRANCISCO JOSE EVARISTO, AR
[71] AMARIN TECHNOLOGIES S.A., AR
[85] 2018-04-04
[86] 2016-10-07 (PCT/EP2016/074072)
[87] (WO2017/060472)
[30] AR (20150103253) 2015-10-08

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G07F 7/06 (2006.01)**
[25] EN
[54] **FRAUD DETECTION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DETECTION DE FRAUDE**
[72] SAETHER, GEIR, NO
[72] SIVERTSEN, RONALD, NO
[72] LUNDE, TOM, NO
[72] NJASTAD, JOHNNY, NO
[71] TOMRA SYSTEMS ASA, NO
[85] 2018-04-04
[86] 2016-10-05 (PCT/EP2016/073775)
[87] (WO2017/060288)
[30] EP (EP15188634.8) 2015-10-06

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/155 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61K 31/52 (2006.01) A61K 31/553 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF SEVERE SYSTEMIC MASTOCYTOSIS WITH MASITINIB**
[54] **TRAITEMENT DE LA MASTOCYTOSE SYSTEMIQUE GRAVE PAR LE MASITINIB**
[72] MOUSSY, ALAIN, FR
[72] KINET, JEAN-PIERRE, US
[71] AB SCIENCE, FR
[85] 2018-04-04
[86] 2016-10-05 (PCT/EP2016/073806)
[87] (WO2017/060308)
[30] EP (15188430.1) 2015-10-05
[30] EP (15197661.0) 2015-12-02

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[13] A1
[51] **Int.Cl. C04B 40/06 (2006.01) C04B 28/06 (2006.01)**
[25] EN
[54] **USE OF A CALCIUM SULFATE COMPRISING 2-K MORTAR SYSTEM BASED ON ALUMINOUS CEMENT IN ANCHORING APPLICATIONS TO INCREASE LOAD VALUES AND REDUCE SHRINKAGE**
[54] **UTILISATION D'UN SYSTEME DE MORTIER 2K CONTENANT DU SULFATE DE CALCIUM, A BASE DE CIMENT ALUMINEUX, DANS DES APPLICATIONS D'ANCRAGE AFIN D'AUGMENTER LES VALEURS DE CHARGE ET DE REDUIRE LE RETRAIT**
[72] PFEIL, ARMIN, DE
[72] SIRCH, VANESSA, DE
[72] GARBATSCHECK, DOMINIK, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-04
[86] 2016-10-19 (PCT/EP2016/075022)
[87] (WO2017/067951)
[30] EP (15190509.8) 2015-10-20
[30] EP (15190508.0) 2015-10-20
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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 3/0488 (2013.01) G06F 3/03 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **DESIGN SYSTEM FOR AIDING THE DESIGN OF A KITCHEN REFURBISHMENT**
[54] **SYSTEME DE CONCEPTION POUR AIDER A LA CONCEPTION D'UN AMENAGEMENT D'UNE CUISINE**
[72] IOANNATOS, PIERRE, BE
[72] IOANNATOS, THOMAS, BE
[71] NEXT-TECH SPRL, BE
[85] 2018-04-04
[86] 2016-10-06 (PCT/EP2016/073852)
[87] (WO2017/060337)
[30] BE (2015/5628) 2015-10-06

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[13] A1
[51] **Int.Cl. A61K 47/10 (2017.01) A01N 43/90 (2006.01) A61K 9/107 (2006.01) A61K 31/7048 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING A STABLE EMULSION COMPRISING ONE OR MORE AVERMECTINS**
[54] **PROCEDE DE PREPARATION D'UNE EMULSION STABLE COMPRENANT UNE OU DE PLUSIEURS AVERMECTINES**
[72] MALLARD, CLAIRE, FR
[72] DUGAT, RICHARD, FR
[72] ROGER, ELODIE, FR
[72] DIAZ, RICARDO, FR
[71] GALDERMA SA, CH
[85] 2018-04-04
[86] 2016-10-13 (PCT/EP2016/074624)
[87] (WO2017/064205)
[30] EP (15306622.0) 2015-10-13

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[13] A1
[51] **Int.Cl. C10J 3/74 (2006.01) C10J 3/50 (2006.01) F23D 14/78 (2006.01)**
[25] EN
[54] **COOLING DEVICE FOR A BURNER OF A GASIFICATION REACTOR**
[54] **DISPOSITIF DE REFROIDISSEMENT DESTINE A UN BRULEUR DE REACTEUR DE GAZEIFICATION**
[72] HEITMANN, ALFONS, DE
[72] REIMESCH, ROLAND, NL
[72] VON KOSSAK-GLOWCZEWSKI, THOMAS PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-04-04
[86] 2016-10-10 (PCT/EP2016/074152)
[87] (WO2017/063981)
[30] EP (15189436.7) 2015-10-12

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[13] A1
[51] **Int.Cl. H05B 41/02 (2006.01)**
[25] EN
[54] **CURING DEVICE COMPRISING A LAMP THAT PRODUCES UV LIGHT**
[54] **DISPOSITIF DE DURCISSEMENT EQUIPE D'UNE LAMPE PRODUISANT DE LA LUMIERE UV**
[72] SCHROPP, KLAUS, DE
[72] VOGT, JOERG, DE
[72] REUTEMANN, THOMAS, DE
[71] I.S.T. INNOVATIVE SEWER TECHNOLOGIES GMBH, DE
[85] 2018-04-04
[86] 2016-10-10 (PCT/EP2016/074191)
[87] (WO2017/060523)
[30] DE (10 2015 117 206.2) 2015-10-08

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[13] A1
[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/395 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **BACTERICIDAL MONOCLONAL ANTIBODY TARGETING KLEBSIELLA PNEUMONIAE**
[54] **ANTICORPS MONOCLONAL BACTERICIDE CIBLANT KLEBSIELLA PNEUMONIAE**
[72] NAGY, ESZTER, AT
[72] NAGY, GABOR, HU
[72] SZIJARTO, VALERIA, AT
[72] GUACHALLA, LUIS MIGUEL, AT
[72] MIRKINA, IRINA, AT
[72] VISRAM, ZEHRA, AT
[71] ARSANIS BIOSCIENCES GMBH, AT
[85] 2018-04-04
[86] 2016-10-14 (PCT/EP2016/074728)
[87] (WO2017/064258)
[30] EP (15190136.0) 2015-10-16

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[13] A1
[51] **Int.Cl. C01B 3/06 (2006.01) C01B 3/08 (2006.01)**
[25] FR
[54] **USE OF A MAGNESIUM-BASED MATERIAL FOR PRODUCING DIHYDROGEN OR ELECTRICITY**
[54] **UTILISATION D'UN MATERIAU A BASE DE MAGNESIUM POUR PRODUIRE DU DIHYDROGENE OU DE L'ELECTRICITE**
[72] MAUVY, FABRICE CLAUDE MICHEL, FR
[72] BOBET, JEAN-LOUIS, FR
[72] SABATIER, JOCELYN, FR
[72] BOS, FREDERIC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[85] 2018-04-04
[86] 2016-10-06 (PCT/EP2016/073905)
[87] (WO2017/060368)
[30] FR (15 59518) 2015-10-06

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[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **ROBOTIC PICKING SYSTEMS AND DEVICES**
[54] **SYSTEMES ET DISPOSITIFS DE SAISIE ROBOTIQUES**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[72] HARVEY, ALEXANDER JAMES BADENOCH, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2018-04-04
[86] 2016-11-11 (PCT/EP2016/077468)
[87] (WO2017/081275)
[30] GB (1519930.0) 2015-11-11
[30] GB (1519931.8) 2015-11-11
[30] GB (1519929.2) 2015-11-11

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[51] **Int.Cl. A01N 25/00 (2006.01)**
[25] EN
[54] **METHOD FOR COATING SEED**
[54] **PROCEDE D'ENROBAGE DE SEMENCE**
[72] PATYK, LUKASZ, NL
[72] VASILYEVA, SVETLANA VICTOROVNA, NL
[72] KLOMP, DIRK, NL
[72] BURNS, ANEESA KAREEMA, NL
[71] INCOTEC HOLDING B.V., NL
[85] 2018-04-04
[86] 2016-10-12 (PCT/EP2016/074464)
[87] (WO2017/067833)
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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **LAYERED CODING FOR COMPRESSED SOUND OR SOUND FIELD REPRESENTATIONS**
[54] **CODAGE EN COUCHES POUR REPRESENTATIONS COMPRIMEES DE CHAMP SONORE OU DE SON**
[72] KORDON, SVEN, DE
[72] KRUEGER, ALEXANDER, DE
[71] DOLBY INTERNATIONAL AB, NL
[85] 2018-04-04
[86] 2016-10-07 (PCT/EP2016/073969)
[87] (WO2017/060410)
[30] EP (15306589.1) 2015-10-08
[30] EP (15306653.5) 2015-10-15
[30] US (62/361,461) 2016-07-12
[30] US (62/361,416) 2016-07-12

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[51] **Int.Cl. C08L 23/12 (2006.01) C08K 3/34 (2006.01) C08L 23/16 (2006.01)**
[25] EN
[54] **HIGH FLOW TPO COMPOSITION WITH EXCELLENT BALANCE IN MECHANICAL PROPERTIES FOR AUTOMOTIVE INTERIOR**
[54] **COMPOSITION DE TPO A ECOULEMENT ELEVE PRESENTANT UN EXCELLENT EQUILIBRE DES PROPRIETES MECANIQUES POUR INTERIEUR D'AUTOMOBILES**
[72] GRESTENBERGER, GEORG, AT
[72] SANDHOLZER, MARTINA, AT
[71] BOREALIS AG, AT
[85] 2018-04-04
[86] 2016-11-17 (PCT/EP2016/078020)
[87] (WO2017/085194)
[30] EP (15194948.4) 2015-11-17

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[51] **Int.Cl. A61M 1/16 (2006.01) A61B 5/145 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **MEMBRANE CATHETER**
[54] **CATHETER A MEMBRANE**
[72] NEUDL, SUSANNA, AT
[72] ULLRICH, ROMAN, AT
[72] KRENN, CLAUS-GEORG, AT
[72] JANECZEK, CHRISTOPH, AT
[72] GFOHLER, MARGIT, AT
[71] CRIT-CORE-TECH CRITICAL CORE TECHNOLOGIES GMBH, AT
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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE ARTIFICIAL LIFT SYSTEM**
[54] **SYSTEME D'EXTRACTION ARTIFICIELLE DE FOND DE TROU**
[72] OLIPHANT, MARTIN, GB
[71] WEATHERFORD U.K. LIMITED, GB
[85] 2018-04-04
[86] 2016-10-05 (PCT/GB2016/053093)
[87] (WO2017/060696)
[30] GB (1517633.2) 2015-10-06

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[25] EN
[54] **LAYERED CODING FOR COMPRESSED SOUND OR SOUND FIELD REPRESENTATIONS**
[54] **CODAGE HIERARCHIQUE POUR REPRESENTATIONS COMPRESSEES DE SONS OU DE CHAMPS ACOUSTIQUES**
[72] KORDON, SVEN, DE
[72] KRUEGER, ALEXANDER, DE
[71] DOLBY INTERNATIONAL AB, NL
[85] 2018-04-04
[86] 2016-10-07 (PCT/EP2016/073970)
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[25] EN
[54] **STEM CELL THERAPY BASED ON ADIPOSE-DERIVED STEM CELLS**
[54] **THERAPIE A BASE DE CELLULES SOUCHES BASEE SUR DES CELLULES SOUCHES PROVENANT DE TISSUS ADIPEUX**
[72] KASTRUP, JENS, DK
[72] EKBLOND, ANNETTE, DK
[72] HAACK-SORENSEN, MANDANA, DK
[71] RIGSHOSPITALET, DK
[85] 2018-04-04
[86] 2016-10-21 (PCT/EP2016/075407)
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[51] **Int.Cl. A61C 9/00 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **HEALING CAP WITH SCANNABLE FEATURES**
[54] **COIFFE DE CICATRISATION PRESENTANT DES CARACTERISTIQUES LISIBLES**
[72] CHRISTIANSEN, PIERS, CH
[72] VIZER, THOMAS, CH
[72] BRUNNER, MARCO, CH
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2018-04-04
[86] 2016-11-18 (PCT/EP2016/078192)
[87] (WO2017/085288)
[30] EP (EP15195634.9) 2015-11-20

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[13] A1
[51] **Int.Cl. C04B 40/06 (2006.01) C04B 28/06 (2006.01)**
[25] EN
[54] **TWO-COMPONENT MORTAR SYSTEM BASED ON ALUMINOUS CEMENT AND USE THEREOF**
[54] **SYSTEME DE MORTIER A DEUX CONSTITUANTS A BASE DE CIMENT ALUMINEUX, ET SON UTILISATION**
[72] PFEIL, ARMIN, DE
[72] FALGER, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-04
[86] 2016-10-19 (PCT/EP2016/075024)
[87] (WO2017/067953)
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[51] **Int.Cl. B01D 53/86 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR REMOVING NOX AND N2O FROM A GAS**
[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION DE NOX ET DE N2O A PARTIR D'UN GAZ**
[72] GRANGER, JEAN FRANCOIS, CH
[71] CASALE SA, CH
[85] 2018-04-04
[86] 2016-10-28 (PCT/EP2016/076152)
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 15/113 (2010.01) C12N 5/04 (2006.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/05 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01) C12N 15/82 (2006.01) C12N 15/90 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **NOVEL RNA-GUIDED NUCLEASES AND USES THEREOF**
[54] **NOUVELLES NUCLEASES GUIDE PAR L'ARN ET LEURS UTILISATIONS**
[72] CHITTOOR, JAISHREE M., US
[72] NAGY, ERVIN D., US
[72] TURNER, KEITH H., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/056115)
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[30] US (62/239,678) 2015-10-09

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[51] **Int.Cl. A01N 47/34 (2006.01) C01G 51/10 (2006.01) C07C 275/50 (2006.01)**
[25] EN
[54] **MANAGING ETHYLENE IN PLANTS USING A SYNERGISTIC AGRICULTURAL FORMULA COMPRISING DIACYL OR DIARYL UREA AND AT LEAST ONE METAL COMPLEX**
[54] **GESTION DE L'ETHYLENE DANS LES INSTALLATIONS AU MOYEN D'UNE FORMULE AGRICOLE SYNERGIQUE RENFERMANT DE L'UREE DIACYLE OU DIARYLE ET AU MOINS UN COMPLEXE DE METAL**
[72] SHETH, RITESH, US
[72] STOLLER, JERRY, US
[72] SHORTELL, ROBERT R., US
[71] STOLLER ENTERPRISES, INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/056117)
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[30] US (62/238,169) 2015-10-07

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[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/00 (2006.01)**
[25] EN
[54] **BUILDING CLADDING AND METHOD FOR PREPARING SAME**
[54] **REVETEMENT DE CONSTRUCTION ET SON PROCEDE DE PREPARATION**
[72] JOSHI, AMOL, US
[72] MCQUERREY, BRIAN, US
[72] LI, HUI, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2018-04-03
[86] 2016-12-22 (PCT/EP2016/082499)
[87] (WO2017/109142)
[30] US (62/387,599) 2015-12-23

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[13] A1
[51] **Int.Cl. F23R 3/06 (2006.01) F23R 3/50 (2006.01) F23R 3/54 (2006.01)**
[25] FR
[54] **RING-SHAPED COMBUSTION CHAMBER FOR A TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION ANNULAIRE POUR TURBOMACHINE**
[72] PASCAUD, STEPHANE, FR
[72] TALIERCIO, GUILLAUME, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2018-04-04
[86] 2016-10-04 (PCT/FR2016/052539)
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[51] **Int.Cl. C07H 19/056 (2006.01) A61K 31/7056 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL GALACTOSIDE INHIBITORS OF GALECTINS**
[54] **NOUVEAUX INHIBITEURS GALACTOSIDES DE GALECTINES**
[72] ZETTERBERG, FREDRIK, SE
[72] NILSSON, ULF, SE
[72] LEFFLER, HAKON, SE
[72] PEDERSEN, ANDERS, DK
[72] SCHAMBYE, HANS, DK
[72] BRIMERT, THOMAS, SE
[72] JOHNSSON, RICHARD, SE
[71] GALECTO BIOTECH AB, DK
[85] 2018-04-04
[86] 2016-11-08 (PCT/EP2016/076918)
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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACORPOREAL CARBON DIOXIDE REMOVAL**
[54] **PROCEDE DE RETRAIT DU DIOXYDE DE CARBONE EXTRACORPOREL**
[72] KREYMANN, BERNHARD, DE
[72] HUSSTEGE, CHRISTOPH, DE
[71] HEPA WASH GMBH, DE
[85] 2018-04-04
[86] 2016-11-18 (PCT/EP2016/078197)
[87] (WO2017/085291)
[30] EP (PCT/EP2015/002330) 2015-11-20

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[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR MODULATING PRODUCTION PROFILES OF RECOMBINANT PROTEINS IN PERFUSION MODE**
[54] **METHODES DE MODULATION DE PROFILS DE PRODUCTION DE PROTEINES DE RECOMBINAISON EN MODE PERFUSION**
[72] BIELSER, JEAN-MARC, CH
[72] JORDAN, MARTIN, CH
[71] ARES TRADING S.A., CH
[85] 2018-04-04
[86] 2016-11-01 (PCT/EP2016/076304)
[87] (WO2017/076834)
[30] EP (15192640.9) 2015-11-02
[30] EP (16150910.4) 2016-01-12

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[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/32 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACORPOREAL LUNG SUPPORT**
[54] **PROCEDE POUR ASSISTANCE PULMONAIRE EXTRACORPORELLE**
[72] KREYMANN, BERNHARD, DE
[72] HUSSTEGE, CHRISTOPH, DE
[71] HEPA WASH GMBH, DE
[85] 2018-04-04
[86] 2016-11-18 (PCT/EP2016/078198)
[87] (WO2017/085292)
[30] EP (PCT/EP2015/002331) 2015-11-20

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING NEUTRALIZING ANTIBODIES AGAINST RECOMBINANT HUMAN INSULIN IN HUMAN SERUM**
[54] **PROCEDE DE DETECTION D'ANTICORPS NEUTRALISANTS DIRIGES CONTRE L'INSULINE HUMAINE RECOMBINEE DANS LE SERUM HUMAIN**
[72] KULSHRESTHA, ABHISHEK, IN
[72] MAURYA, RAVI SHANKAR, IN
[72] SABDE, SUDEEP, IN
[72] HAJELA, PALLAVI, IN
[72] KALANI, PAWAN, IN
[72] MELARKODE, RAMAKRISHNAN, IN
[72] CHIRMULE, NARENDRA, IN
[71] BIOCON LIMITED, IN
[85] 2018-04-04
[86] 2016-10-15 (PCT/IB2016/056191)
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[30] IN (5528/CHE/2015) 2015-10-15

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[51] **Int.Cl. A61K 38/46 (2006.01) C12N 5/074 (2010.01) C12N 5/077 (2010.01) C12N 5/0775 (2010.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01) C12N 9/22 (2006.01) C12N 9/96 (2006.01) C12N 15/10 (2006.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATMENT OF DUCHENNE MUSCULAR DYSTROPHY**
[54] **MATERIAUX ET METHODES POUR TRAITER LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] KABADI, AMI MEDA, US
[72] COWAN, CHAD ALBERT, US
[72] LUNDBERG, ANTE SVEN, US
[71] CRISPR THERAPEUTICS AG, CH
[85] 2018-04-04
[86] 2016-10-28 (PCT/IB2016/001679)
[87] (WO2017/072590)
[30] US (62/247,484) 2015-10-28
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[51] **Int.Cl. B29C 65/20 (2006.01) B29C 65/00 (2006.01) E06B 3/54 (2006.01) E06B 3/96 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR THE MANUFACTURE OF WINDOWS/DOORS**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE FENETRES/PORTES**
[72] VACCARI, ANDREA, IT
[72] VERRINI, GILBERTO, IT
[71] GRAF SYNERGY S.R.L., IT
[85] 2018-04-04
[86] 2016-10-25 (PCT/IB2016/056414)
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[30] IT (UB2015A005075) 2015-10-27

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR THE PREPARATION OF A LIQUID PRODUCT, AND CORRESPONDING ASSORTMENT**
[54] **CARTOUCHE POUR LA PREPARATION D'UN PRODUIT LIQUIDE, ET ASSORTIMENT CORRESPONDANT**
[72] CABILLI, ALBERTO, IT
[72] BOLOGNESE, DANILO, IT
[72] BUGNANO, LUCA, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2018-04-04
[86] 2016-11-11 (PCT/IB2016/056800)
[87] (WO2017/098349)
[30] IT (102015000080833) 2015-12-07

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **STORAGE CONTAINERS, BINS AND DEVICES**
[54] **CONTENEURS, BACS ET DISPOSITIFS DE STOCKAGE**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2018-04-04
[86] 2016-11-11 (PCT/EP2016/077465)
[87] (WO2017/081273)
[30] GB (1519931.8) 2015-11-11
[30] GB (1519930.0) 2015-11-11
[30] GB (1519929.2) 2015-11-11

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[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01) A46B 11/06 (2006.01) A61C 15/00 (2006.01) A61C 19/06 (2006.01) C01B 13/10 (2006.01)**
[25] FR
[54] **DENTAL CLEANING DEVICE USING OZONE WATER**
[54] **DISPOSITIF DE NETTOYAGE DENTAIRE AVEC DE L'EAU OZONEE**
[72] HADDAD, GABY MILAD, AE
[71] HADDAD, GABY MILAD, AE
[85] 2018-04-04
[86] 2016-10-04 (PCT/IB2016/055916)
[87] (WO2017/060806)
[30] FR (1559503) 2015-10-06

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR THE PREPARATION OF A LIQUID PRODUCT, AND CORRESPONDING ASSORTMENT**
[54] **CARTOUCHE POUR LA PREPARATION D'UN PRODUIT LIQUIDE, ET ASSORTIMENT CORRESPONDANT**
[72] CABILLI, ALBERTO, IT
[72] BOLOGNESE, DANILO, IT
[72] BUGNANO, LUCA, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2018-04-04
[86] 2016-11-11 (PCT/IB2016/056805)
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[30] IT (102015000080854) 2015-12-07

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[51] **Int.Cl. C01G 49/02 (2006.01)**
[25] EN
[54] **IRON OXYHYDROXIDE NANODISPERSION LIQUID**
[54] **NANODISPERSION LIQUIDE D'OXYHYDROXYDE DE FER**
[72] KIMURA, NOBUO, JP
[72] AMAIKE, MASATO, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2018-04-04
[86] 2016-10-06 (PCT/JP2016/004496)
[87] (WO2017/061116)
[30] JP (2015-200775) 2015-10-09

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[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01) B33Y 50/00 (2015.01) B33Y 80/00 (2015.01)**
[25] EN
[54] **CUSTOM EARBUD SCANNING AND FABRICATION**
[54] **ANALYSE ET FABRICATION D'OREILLETTE PERSONNALISEE**
[72] FEI, ROBERT J., US
[72] RISHTON, MICHAEL, US
[72] AGULAR, JONATHAN, US
[72] GREGORETTE, LYDIA, US
[72] GUGGENBERGER, KEITH, US
[72] ZUBIATE, BRETT, US
[72] FLIGOR, BRIAN J., US
[72] CHEN, XIAOWEI, US
[72] WILFERT, DAVID J., US
[71] LANTOS TECHNOLOGIES INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/056132)
[87] (WO2017/062868)
[30] US (62/239,811) 2015-10-09

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[51] **Int.Cl. C22B 3/20 (2006.01) B03D 1/012 (2006.01) C22B 3/00 (2006.01) C22B 15/00 (2006.01) C22B 34/34 (2006.01)**
[25] EN
[54] **DIPENTENE DIMERCAPTAN COMPOSITIONS AND USE THEREOF AS A MINING CHEMICAL COLLECTOR**
[54] **COMPOSITIONS DIPENTENE DIMERCAPTANS ET LEUR UTILISATION EN TANT QUE COLLECTEUR CHIMIQUE POUR L'EXPLOITATION MINIERE**
[72] MATSON, MICHAEL S., US
[72] BYERS, JIM, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-04-04
[86] 2016-08-09 (PCT/US2016/046134)
[87] (WO2017/062096)
[30] US (14/876,902) 2015-10-07

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **PICKING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PRELEVEMENT**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2018-04-04
[86] 2016-11-11 (PCT/EP2016/077476)
[87] (WO2017/081281)
[30] GB (1519929.2) 2015-11-11
[30] GB (1519931.8) 2015-11-11
[30] GB (1519930.0) 2015-11-11

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/09 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR NUCLEIC ACID SEQUENCING**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE SEQUENCAGE D'ACIDES NUCLEIQUES**
[72] NORDMAN, ERIC S., US
[72] OLDHAM, MARK, US
[72] AKATSU, TAKESHI, JP
[71] QUANTUM BIOSYSTEMS INC., JP
[85] 2018-04-04
[86] 2016-10-11 (PCT/JP2016/004531)
[87] (WO2017/061129)
[30] US (62/239,171) 2015-10-08

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[13] A1
[51] **Int.Cl. B62K 21/26 (2006.01) B25G 1/10 (2006.01) B62K 21/12 (2006.01) B62K 21/14 (2006.01)**
[25] EN
[54] **SHOCK ABSORBING GRIP ASSEMBLY**
[54] **ENSEMBLE POIGNEE D'AMORTISSEMENT**
[72] AYMAR, BRANDON P., US
[71] AYMAR, BRANDON P., US
[85] 2018-04-03
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2018.01) C12Q 1/68 (2018.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **BIOLOGICAL CONTROL OF PLANT VIRUSES**
[54] **LUTTE BIOLOGIQUE CONTRE DES VIRUS DE PLANTES**
[72] VERMUNT, ADRIANUS MARINUS WILHELMUS, NL
[71] LOOIJE APPLICATIONS B.V., NL
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[86] 2016-10-04 (PCT/NL2016/050684)
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[51] **Int.Cl. A61F 9/007 (2006.01) A61B 90/30 (2016.01)**
[25] EN
[54] **ILLUMINATED OPHTHALMIC CANNULA**
[54] **CANULE OPHTALMIQUE ECLAIREE**
[72] MIRSEPASSI, ALIREZA, US
[72] PAPAC, MICHAEL, US
[72] WHEATLEY, BARRY, US
[72] DIAO, CHENGUANG, US
[71] NOVARTIS AG, CH
[85] 2018-04-04
[86] 2016-10-06 (PCT/IB2016/055970)
[87] (WO2017/072613)
[30] US (62/249,313) 2015-11-01
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01)**
[25] EN
[54] **INTRAVASCULAR IMAGING SYSTEM AND METHODS TO DETERMINE CUT PLANE VIEW ANGLE OF SIDE BRANCH**
[54] **SYSTEME D'IMAGERIE INTRAVASCULAIRE ET PROCEDES POUR DETERMINER L'ANGLE DE VUE DU PLAN DE COUPE D'UNE RAMIFICATION LATERALE**
[72] GOPINATH, AJAY, US
[72] KHAN, SUBHAN, US
[72] DION, DENIS, US
[71] LIGHTLAB IMAGING, INC., US
[85] 2018-04-03
[86] 2016-10-10 (PCT/US2016/056216)
[87] (WO2017/066108)
[30] US (62/241,056) 2015-10-13
[30] US (14/975,671) 2015-12-18

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[51] **Int.Cl. C12C 12/02 (2006.01) C12C 5/00 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING A BEER CONTAINING A REDUCED CARBOHYDRATE CONTENT AND ASSOCIATED BEER**
[54] **PROCEDE DE FABRICATION D'UNE BIERE CONTENANT UNE TENEUR EN HYDRATES DE CARBONE REDUITE ET BIERE ASSOCIEE**
[72] DI POMPEO, CHRISTOPHE, FR
[72] FOREST, OLIVIER, FR
[71] DI POMPEO, CHRISTOPHE, FR
[71] FOREST, OLIVIER, FR
[85] 2018-04-04
[86] 2016-10-06 (PCT/IB2016/055989)
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[30] FR (15/59520) 2015-10-07

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[13] A1
[51] **Int.Cl. C07F 7/02 (2006.01)**
[25] EN
[54] **EXTENDED USE ZIRCONIUM SILICATE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE SILICATE DE ZIRCONIUM A USAGE PROLONGE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] KEYSER, DONALD JEFFREY, US
[72] GUILLEM, ALVARO F., US
[71] ZS PHARMA, INC., US
[85] 2018-04-03
[86] 2016-10-10 (PCT/US2016/056286)
[87] (WO2017/066128)
[30] US (14/883,428) 2015-10-14

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[25] EN
[54] **RESPONSE-GUIDED HCV THERAPY**
[54] **TRAITEMENT DU VHB GUIDE PAR LA REPONSE**
[72] SCHINAZI, RAYMOND F., US
[71] EMORY UNIVERSITY, US
[85] 2018-04-03
[86] 2016-10-20 (PCT/US2016/057925)
[87] (WO2017/070355)
[30] US (62/244,060) 2015-10-20

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[51] **Int.Cl. G06F 11/14 (2006.01) G06F 9/50 (2006.01)**
[25] EN
[54] **AUTOMATIC SYSTEM DISASTER RECOVERY**
[54] **SYSTEME AUTOMATIQUE DE REPRISE APRES SINISTRE**
[72] RAY, KAUSHIK, US
[71] SUNGARD AVAILABILITY SERVICES, LP, US
[85] 2018-04-03
[86] 2016-10-13 (PCT/US2016/056740)
[87] (WO2017/066383)
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[25] EN
[54] **ELECTROMAGNETIC LINEAR MOTOR**
[54] **MOTEUR LINEAIRE ELECTROMAGNETIQUE**
[72] DE MAR, PAOLO, IT
[71] HDM S.R.L., IT
[85] 2018-04-04
[86] 2016-10-12 (PCT/IB2016/056096)
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[25] EN
[54] **SAND COMPOSITES AND METHODS OF USING THE SAME TO CONTROL DUST**
[54] **COMPOSITES DE SABLE ET LEURS PROCEDES D'UTILISATION POUR LA LUTTE CONTRE LA POUSSIERE**
[72] BESTAOUI-SPURR, NAIMA, US
[72] VORDERBRUGGEN, MARK ALAN, US
[72] BRANNON, HAROLD DEAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-04-03
[86] 2016-11-03 (PCT/US2016/060395)
[87] (WO2017/063000)
[30] US (14/875,326) 2015-10-05

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[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01)**
[25] EN
[54] **AUTOMATIC IMAGE PRODUCT CREATION FOR USER ACCOUNTS COMPRISING LARGE NUMBER OF IMAGES**
[54] **CREATION DE PRODUIT D'IMAGE AUTOMATIQUE POUR DES COMPTES D'UTILISATEURS COMPRENANT UN GRAND NOMBRE D'IMAGES**
[72] ROMAN, SANDLER, US
[72] KENIS, ALEXANDER M., US
[71] SHUTTERFLY, INC., US
[85] 2018-04-04
[86] 2016-06-02 (PCT/US2016/035436)
[87] (WO2017/078793)
[30] US (14/932,378) 2015-11-04

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[51] **Int.Cl. H01Q 9/00 (2006.01) H01Q 1/36 (2006.01)**
[25] EN
[54] **ULTRA-WIDEBAND (UWB) ANTENNAS AND RELATED ENCLOSURES FOR THE UWB ANTENNAS**
[54] **ANTENNES ULTRALARGE BANDE (ULB) ET ENCEINTES ASSOCIEES POUR LESDITES ANTENNES ULB**
[72] HOLLAR, SETH EDWARD-AUSTIN, US
[72] FISHER, SCOTT FRANCIS, US
[71] WISER SYSTEMS, INC., US
[85] 2018-04-03
[86] 2016-11-09 (PCT/US2016/061075)
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[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **BROWSER EXTENSION WITH ADDITIONAL CAPABILITIES**
[54] **EXTENSION D'UN NAVIGATEUR OFFRANT DES CAPACITES SUPPLEMENTAIRES**
[72] MUCHANG, YOBEL, US
[72] TRUSHCHENKOVA, SVETLANA, US
[72] SOMAIYA, MAYANK, US
[72] JABBARA, MICHAEL, US
[72] BADLEY, DAVID, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-04-03
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[25] EN
[54] **HOOK RAIL**
[54] **RAIL A CROCHET**
[72] MALOTT, DALE G., US
[72] WILL, GARY E., US
[72] GRICE, BYRON K., US
[72] HAMBLIN, RYAN, US
[71] THE HILLMAN GROUP, INC., US
[85] 2018-04-04
[86] 2016-09-02 (PCT/US2016/050101)
[87] (WO2017/078840)
[30] US (62/251,873) 2015-11-06

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[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/24 (2006.01) F02K 1/80 (2006.01)**
[25] EN
[54] **GAS TURBINE CASING AND GAS TURBINE**
[54] **ENVELOPPE DE TURBINE A GAZ ET TURBINE A GAZ**
[72] UETSUKI, YASUYUKI, JP
[72] YANAGISAWA, EIICHI, JP
[72] HANADA, TADAYUKI, JP
[72] FUJIMOTO, YOHEI, JP
[72] OTA, TAKAFUMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[85] 2018-04-04
[86] 2016-10-04 (PCT/JP2016/079511)
[87] (WO2017/061433)
[30] JP (2015-197939) 2015-10-05

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[51] **Int.Cl. A61B 5/046 (2006.01) A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/0464 (2006.01)**
[25] EN
[54] **CARDIAC AND SLEEP MONITORING**
[54] **SURVEILLANCE CARDIAQUE ET DU SOMMEIL**
[72] VERZAL, KEVIN, US
[72] LEE, KENT, US
[72] RONDONI, JOHN, US
[72] DIEKEN, DAVE, US
[71] INSPIRE MEDICAL SYSTEMS, INC., US
[85] 2018-04-03
[86] 2016-11-11 (PCT/US2016/061672)
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[30] US (62/253,803) 2015-11-11

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[54] **CIRCUIT BOARD CONNECTOR**
[54] **CONNECTEUR DE CARTE DE CIRCUIT IMPRIME**
[72] MOTOYAMA, MASAHIKO, JP
[72] KAMEDA, YASUTOSHI, JP
[71] AMPHENOL FCI ASIA PTE. LTD., SG
[85] 2018-04-04
[86] 2016-08-31 (PCT/SG2016/050424)
[87] (WO2017/039543)
[30] SG (10201506887X) 2015-08-31

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[51] **Int.Cl. C04B 35/117 (2006.01) B28B 1/24 (2006.01) B28B 1/26 (2006.01) B28B 7/34 (2006.01) C04B 35/14 (2006.01) C04B 35/18 (2006.01) C04B 35/185 (2006.01) C04B 35/447 (2006.01) C04B 35/488 (2006.01) C04B 35/565 (2006.01) C04B 35/58 (2006.01) C04B 35/584 (2006.01) C04B 35/80 (2006.01) D03D 15/00 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING A COMPOSITE MATERIAL PART BY INJECTION OF A LOADED SLURRY INTO A POROUS MOULD**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE PAR INJECTION D'UNE BARBOTINE CHARGEE DANS UN MOULE POREUX**
[72] DROZ, NICOLAS, FR
[72] LIAIS, LUDOVIC PHILIPPE, FR
[72] PAIXAO, ADRIEN, FR
[72] PODGORSKI, MICHAEL, FR
[72] HAIFI, SOFIA, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN, FR
[85] 2018-04-04
[86] 2016-10-04 (PCT/FR2016/052535)
[87] (WO2017/060601)
[30] FR (1559430) 2015-10-05

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[13] A1
[51] **Int.Cl. A61F 13/12 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **HEAD AND NECK COMPRESSION THERAPY SYSTEM**
[54] **SYSTEME DE THERAPIE PAR COMPRESSION DE TETE ET DE COU**
[72] WENNEN, DARREN JAY, US
[72] ZANDER, WADE ANDREW, US
[72] CHASE, DANIEL G., US
[72] GAMBLE, KRISTIAN DIOR, US
[72] RILEY, MARK R., US
[72] GOLLA, ALISON HUMBLE, US
[72] HOY, SUNDAY JO, US
[72] GREEN, JULIE LOUISE, US
[72] TILK, JASON GRANT, US
[72] ERTEL, JASON R., US
[72] COLOSIMO, RACHEL NOTTINGHAM, US
[72] MCNEELEY, CAROLYN MARIE, US
[72] BLICE, RABECCA L., US
[71] TACTILE SYSTEMS TECHNOLOGY, INC., US
[85] 2018-04-04
[86] 2016-10-04 (PCT/US2016/055272)
[87] (WO2017/062337)
[30] US (62/237,192) 2015-10-05
[30] US (62/237,200) 2015-10-05
[30] US (62/237,209) 2015-10-05

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[25] EN
[54] **AFFINITY CHROMATOGRAPHY CARRIER AND METHOD FOR PURIFYING BIOLOGICAL SUBSTANCE**
[54] **PORTEUR DE CHROMATOGRAPHIE D'AFFINITE ET METHODE DE PURIFICATION DE SUBSTANCE BIOLOGIQUE**
[72] KIHARA, SHIORI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-04-04
[86] 2016-10-21 (PCT/JP2016/081312)
[87] (WO2017/069254)
[30] JP (2015-208982) 2015-10-23

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DYNAMIC SEARCH INPUT SELECTION**
[54] **SELECTION DYNAMIQUE D'ENTREE DE RECHERCHE**
[72] XU, KELEI, US
[72] GAVINI, NAVEEN, US
[72] JING, YUSHI, US
[72] ZHAI, ANDREW HUAN, US
[72] KISLYUK, DMITRY OLEGOVICH, US
[71] PINTEREST, INC., US
[85] 2018-04-04
[86] 2016-10-03 (PCT/US2016/055212)
[87] (WO2017/062317)
[30] US (14/875,010) 2015-10-05

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **DATA SYSTEMS, DEVICES AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DONNEES**
[72] OGUCHE, IKO, GB
[72] NELSON, ANDY, US
[72] EDWARDS, ADAM, GB
[71] SWELLFIX UK LIMITED, GB
[85] 2018-04-04
[86] 2016-10-07 (PCT/GB2016/053126)
[87] (WO2017/060721)
[30] GB (1517729.8) 2015-10-07

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[13] A1
[51] **Int.Cl. A61F 13/12 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **STATIC AND DYNAMIC COMPRESSION THERAPY SYSTEM**
[54] **SYSTEME DE THERAPIE PAR COMPRESSION STATIQUE ET DYNAMIQUE**
[72] WENNEN, DARREN JAY, US
[72] ZANDER, WADE ANDREW, US
[72] CHASE, DANIEL G., US
[72] GAMBLE, KRISTAN DIOR, US
[72] RILEY, MARK R., US
[72] GOLLA, ALISON HUMBLE, US
[72] HOY, SUNDAY JO, US
[72] GREEN, JULIE LOUISE, US
[72] TILK, JASON GRANT, US
[72] ERTEL, JASON R., US
[72] COLOSIMO, RACHEL NOTTINGHAM, US
[72] MCNEELEY, CAROLYN MARIE, US
[72] BLICE, REBECCA L., US
[71] TACTILE SYSTEMS TECHNOLOGY, INC., US
[85] 2018-04-04
[86] 2016-10-04 (PCT/US2016/055275)
[87] (WO2017/062339)
[30] US (62/237,200) 2015-10-05
[30] US (62/237,209) 2015-10-05
[30] US (62/237,192) 2015-10-05

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/113 (2010.01)**
[25] EN
[54] **MODULATION OF GENE EXPRESSION AND SCREENING FOR DEREGULATED PROTEIN EXPRESSION**
[54] **MODULATION DE L'EXPRESSION GENIQUE ET CRIBLAGE DE L'EXPRESSION DE PROTEINES DEREGULEE**
[72] VORECHOVSKY, IGOR, GB
[72] KRALOVICOVA, JANA, GB
[71] UNIVERSITY OF SOUTHAMPTON, GB
[85] 2018-04-04
[86] 2016-10-07 (PCT/GB2016/053136)
[87] (WO2017/060731)
[30] GB (1517937.7) 2015-10-09
[30] GB (1614744.9) 2016-08-31

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[13] A1
[51] **Int.Cl. A61F 13/14 (2006.01) A61F 13/12 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **HEAD AND NECK COMPRESSION GARMENT**
[54] **VETEMENT DE COMPRESSION DE LA TETE ET DU COU**
[72] WENNEN, DARREN JAY, US
[72] ZANDER, WADE ANDREW, US
[72] CHASE, DANIEL G., US
[72] GAMBLE, KRISTIAN DIOR, US
[72] RILEY, MARK R., US
[72] GOLLA, ALISON HUMBLE, US
[72] HOY, SUNDAY JO, US
[72] GREEN, JULIE LOUISE, US
[72] TILK, JASON GRANT, US
[72] ERTEL, JASON R., US
[72] COLOSIMO, RACHEL NOTTINGHAM, US
[72] MCNEELEY, CAROLYN MARIE, US
[72] BLICE, REBECCA L., US
[71] TACTILE SYSTEMS TECHNOLOGY, INC., US
[85] 2018-04-04
[86] 2016-10-04 (PCT/US2016/055283)
[87] (WO2017/062341)
[30] US (62/237,200) 2015-10-05
[30] US (62/237,192) 2015-10-05
[30] US (62/237,209) 2015-10-05

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[51] **Int.Cl. G01B 11/06 (2006.01) B60C 11/24 (2006.01) G01B 11/22 (2006.01) G01B 11/24 (2006.01) G01M 17/02 (2006.01)**
[25] EN
[54] **TYRE CONDITION ANALYSIS**
[54] **ANALYSE DE L'ETAT D'UN PNEU**
[72] ROSE, PETER NORMAN, GB
[72] CODD, ALEXANDER PAUL, GB
[72] KAZMI, SYED WAJAHAT ALI SHAH, GB
[71] WHEELRIGHT LIMITED, GB
[85] 2018-04-04
[86] 2016-10-10 (PCT/GB2016/053148)
[87] (WO2017/060739)
[30] GB (1517926.0) 2015-10-09

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[51] **Int.Cl. C07K 7/00 (2006.01) A61K 47/50 (2017.01) A61K 39/395 (2006.01) A61K 47/42 (2017.01) C07K 1/13 (2006.01) C07K 1/14 (2006.01) C07K 7/50 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01) C07K 17/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **CYCLIC PEPTIDE, AFFINITY CHROMATOGRAPHY SUPPORT, LABELED ANTIBODY, ANTIBODY-DRUG CONJUGATE, AND PHARMACEUTICAL PREPARATION**
[54] **PEPTIDE CYCLIQUE, SUPPORT DE CHROMATOGRAPHIE D'AFFINITE, ANTICORPS MARQUE, CONJUGUE ANTICORPS-MEDICAMENT ET PREPARATION PHARMACEUTIQUE**
[72] MINAMI, KOICHI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-04-04
[86] 2016-10-21 (PCT/JP2016/081353)
[87] (WO2017/069269)
[30] JP (2015-209030) 2015-10-23
[30] JP (2016-206753) 2016-10-21

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[51] **Int.Cl. B01D 3/00 (2006.01) B01D 3/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEGASSING OF SULFUR**
[54] **SYSTEMES ET PROCEDES POUR LE DEGAZAGE DE SOUFRE**
[72] FENDERSON, STEPHEN N., US
[72] WONG, VINCENT W., US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2018-04-04
[86] 2015-10-05 (PCT/US2015/054015)
[87] (WO2017/061982)
[30] US (14/875,096) 2015-10-05

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[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/62 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING AND ANALZYING SURFACE FILMS**
[54] **PROCEDE POUR LA DETECTION ET L'ANALYSE DE FILMS DE SURFACE**
[72] KATZ, JORDAN, US
[72] BELKIND, ABE, US
[72] CLEVENGER, RANDY, US
[71] ORTHOBOND, INC., US
[85] 2018-04-04
[86] 2015-10-12 (PCT/US2015/055102)
[87] (WO2016/057990)
[30] US (62/062,379) 2014-10-10

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[51] **Int.Cl. A61K 31/4433 (2006.01) A61K 31/44 (2006.01) A61K 31/4412 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/501 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING MEDULLOBLASTOMA WITH AN EZH2 INHIBITOR**
[54] **PROCEDE DE TRAITEMENT D'UN MEDULLOBLASTOME AVEC UN INHIBITEUR D'EZH2**
[72] KEILHACK, HEIKE, US
[72] WATERS, NIGEL J., US
[72] VIBHAKAR, RAJEEV, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[71] EPIZYME, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055554)
[87] (WO2017/062495)
[30] US (62/238,074) 2015-10-06
[30] US (62/299,312) 2016-02-24

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[54] **METHOD FOR TREATING NEURODEGENERATIVE DISEASES**
[54] **PROCEDE POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] NGUYEN, KHOA DINH, US
[72] ENGLEMAN, EDGAR G., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **TEXTILES HAVING A MICROSTRUCTURED SURFACE AND GARMENTS COMPRISING THE SAME**
[54] **TEXTILES AYANT UNE SURFACE MICROSTRUCTUREE ET VETEMENTS COMPRENANT CEUX-CI**
[72] MILBOCKER, MICHAEL, US
[72] BLUECHER, LUKAS, DE
[71] BVW HOLDING AG, CH
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[54] **MIXING AND DISPERSION OF A TREATMENT CHEMICAL IN A DOWN HOLE INJECTION SYSTEM**
[54] **MELANGE ET DISPERSION D'UN AGENT CHIMIQUE DE TRAITEMENT DANS UN SYSTEME D'INJECTION EN FOND DE TROU**
[72] FELTEN, FREDERIC NICOLAS, US
[72] HAINES, PAUL ANTHONY, US
[72] ABDILGHANIE MOHAMMED, AMMAR, AE
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ACTIVATORS OF AUTOPHAGIC FLUX AND PHOSPHOLIPASE D AND CLEARANCE OF PROTEIN AGGREGATES INCLUDING TAU AND TREATMENT OF PROTEINOPATHIES**
[54] **ACTIVATEURS DE FLUX AUTOPHAGIQUE ET DE PHOSPHOLIPASE D ET CLAIRANCE D'AGREGATS DE PROTEINES COMPRENANT TAU ET TRAITEMENT DE PROTEINOPATHIES**
[72] RINDERSPACHER, KIRSTEN ALISON, US
[72] YU, WAI, US
[72] DUFF, KAREN, US
[72] LANDRY, DONALD, US
[72] DENG, SHI-XIAN, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[71] NY STATE PSYCHIATRIC INSTITUTE, US
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[54] **IMAGE PRODUCT CREATION BASED ON FACE IMAGES GROUPED USING IMAGE PRODUCT STATISTICS**
[54] **CREATION DE PRODUITS D'IMAGE FONDES SUR DES IMAGES DE VISAGE REGROUPEES A L'AIDE DE STATISTIQUES DE PRODUITS D'IMAGE**
[72] SANDLER, ROMAN, US
[72] KENIS, ALEXANDER M., US
[71] SHUTTERFLY, INC., US
[85] 2018-04-04
[86] 2015-12-01 (PCT/US2015/063134)
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[54] **APPAREIL A LED REPLIABLE**
[72] HUDSON, TIMOTHY JOHN, US
[71] HUDSON PICTURES, INC., US
[85] 2018-04-04
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[54] **THE METHOD OF ADJUSTING WIND TURBINE POWER TAKE-OFF**
[54] **LA METHODE DE REGLAGE DU DEMARRAGE D'ALIMENTATION D'EOLIENNE**
[72] MASOLOV, VLADIMIR GENNADEVICH, RU
[72] BEREZIN, VALERIJ SERGEEVICH, RU
[72] LOGINOV, ANATOLIJ LEONIDOVICH, RU
[72] POLETAEV, IVAN GEORGIEVICH, RU
[72] MASOLOV, ANDREJ GENNADEVICH, RU
[72] FADEEV, IVAN ALEKSANDROVICH, RU
[72] KHUDONOGOV, ANDREJ VIKTOROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "VDM-TEKHNIKA", RU
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[54] **ADJUSTABLE COMPRESSION GARMENT**
[54] **VETEMENT DE COMPRESSION REGLABLE**
[72] CHASE, DANIEL G., US
[72] WENNEN, DARREN JAY, US
[72] GAMBLE, KRISTIAN DIOR, US
[71] TACTILE SYSTEMS TECHNOLOGY, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055575)
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[30] US (62/237,209) 2015-10-05
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[54] **A BUILDING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION**
[72] O'LEARY, KEVIN, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2018-04-03
[86] 2016-12-20 (PCT/US2016/067823)
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[54] **PROTOCOL TRANSLATION DEVICE**
[54] **DISPOSITIF DE TRADUCTION DE PROTOCOLE**
[72] HOLMES, ALEXANDER E., US
[72] YAP, DARREN Y.K., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-04-04
[86] 2016-09-26 (PCT/US2016/053767)
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[54] **DIAGNOSTIC APPARATUS AND TESTING METHOD**
[54] **APPAREIL DE DIAGNOSTIC ET PROCEDE DE TEST**
[72] ENICKL, JORGEN, SE
[71] DELAVAL HOLDING AB, SE
[85] 2018-04-04
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[54] **COMBINATION THERAPY WITH GLUTAMINASE INHIBITORS AND IMMUNO-ONCOLOGY AGENTS**
[54] **POLYTHERAPIE A L'AIDE D'INHIBITEURS DE GLUTAMINASE ET AGENTS IMMUNO-ONCOLOGIQUES**
[72] MOLINEAUX, SUSAN M., US
[72] GROSS, MATTHEW I., US
[72] BROMLEY, SUSAN D., US
[72] PARLATI, FRANCESCO, US
[72] BENNETT, MARK K., US
[71] CALITHERA BIOSCIENCES, INC., US
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[86] 2016-10-04 (PCT/US2016/055316)
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[54] **METHOD, DEVICE, AND SYSTEM FOR COLLECTING AND REPORTING MINIMALLY NECESSARY REAL-TIME PERSONAL CONTEXT**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DESTINES A RECUEILLIR ET RAPPORTER UN CONTEXTE PERSONNEL MINIMALEMENT NECESSAIRE EN TEMPS REEL**
[72] LIN, LIN, US
[72] RAJ, DEEPAK P., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055399)
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[54] **CRISPS AND SYRUP MADE FROM LOW BITTER CHICORY PRODUCTS**
[54] **CHIPS ET SIROP FABRIQUES A PARTIR DE PRODUITS A BASE DE CHICOREE A FAIBLE AMERTUME**
[72] JUSTICE, BRAD, US
[72] PEET, RICHARD C., US
[71] BLUE PRAIRIE BRANDS, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055581)
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[54] **METHODES DE TRAITEMENT DU SARCOME SYNOVIAL**
[72] KADOCH, CIGALL, US
[72] CRABTREE, GERALD R., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **NITROGEN FIXATION USING REFACTORED NIF CLUSTERS**
[54] **FIXATION D'AZOTE A L'AIDE D'AGREGATS NIF REMODELES**
[72] VOIGT, CHRISTOPHER, US
[72] RYU, MIN-HYUNG, US
[72] SONG, MI RYOUNG, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055429)
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[54] **RETRACTABLE TISSUE CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE TISSULAIRE RETRACTABLE**
[72] SMITH, PAUL, US
[72] CHARLES, ROBERT, US
[72] TAYLOR, JON, US
[72] HAMILTON, DANIEL E., US
[72] RAYBIN, SAMUEL, US
[72] DEVRIES, ROBERT B., US
[72] ANDERSSON, NIKLAS, US
[72] SOENS, MEGHAN ELIZABETH, FR
[72] CORNELL, MARY ANN, US
[72] TONG, RAY H., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[86] 2016-10-14 (PCT/US2016/057103)
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[54] **METHODS FOR THERAPEUTIC ADMINISTRATION OF MESSENGER RIBONUCLEIC ACID DRUGS**
[54] **PROCEDES D'ADMINISTRATION THERAPEUTIQUE DE MEDICAMENTS A BASE D'ACIDE RIBONUCLEIQUE MESSAGER**
[72] HOGE, STEPHEN, US
[72] CHAKRABORTY, TIRTHA, US
[72] BESIN, GILLES, US
[72] JAIN, RUCHI, US
[71] MODERNATX, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055582)
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[54] **P-ETHOXY NUCLEIC ACIDS FOR LIPOSOMAL FORMULATION**
[54] **ACIDES P-ETHOXYNUCLEIQUES POUR UNE FORMULATION LIPOSOMALE**
[72] NIELSEN, PETER, US
[71] BIO-PATH HOLDING, INC., US
[85] 2018-04-04
[86] 2016-10-14 (PCT/US2016/057148)
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[54] **DISPOSITIF ECARTEUR A FORCE NORMALE FAIBLE COMPRENANT UNE SURFACE MICROSTRUCTUREE**
[72] MILBOCKER, MICHAEL, US
[72] BLUECHER, LUKAS, DE
[71] BVW HOLDING AG, CH
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055453)
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[25] EN
[54] **ENGINEERED MEGANUCLEASES WITH RECOGNITION SEQUENCES FOUND IN THE HUMAN T CELL RECEPTOR ALPHA CONSTANT REGION GENE**
[54] **MEGANUCLEASES MODIFIEES AVEC DES SEQUENCES DE RECONNAISSANCES RENCONTREES DANS LE GENE DE LA REGION CONSTANTE ALPHA DU RECEPTEUR DES LYMPHOCYTES T HUMAINS**
[72] NICHOLSON, MICHAEL G., US
[72] SMITH, JAMES JEFFERSON, US
[72] JANTZ, DEREK, US
[72] BARTSEVICH, VICTOR, US
[72] MACLEOD, DANIEL T., US
[72] ANTONY, JEYARAJ, US
[71] PRECISION BIOSCIENCES, INC., US
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[86] 2016-10-05 (PCT/US2016/055472)
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[54] **UNITE ENFICHABLE A PETIT FACTEUR DE FORME ET A CAPACITES SANS FIL**
[72] IWASAKI, SEAN, US
[71] IWASAKI, SEAN, US
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[25] EN
[54] **GENETICALLY-MODIFIED CELLS COMPRISING A MODIFIED HUMAN T CELL RECEPTOR ALPHA CONSTANT REGION GENE**
[54] **CELLULES GENETIQUEMENT MODIFIEES COMPRENANT UN GENE MODIFIE DE REGION CONSTANTE ALPHA DE RECEPTEUR DE LYMPHOCYTES T HUMAINS**
[72] JANTZ, DEREK, US
[72] SMITH, JAMES JEFFERSON, US
[72] NICHOLSON, MICHAEL G., US
[72] MACLEOD, DANIEL T., US
[72] ANTONY, JEYARAJ, US
[72] BARTSEVICH, VICTOR, US
[71] PRECISION BIOSCIENCES, INC., US
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055492)
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[25] EN
[54] **STERILIZABLE ENCLOSURE FOR SECURING A PORTABLE ELECTRONIC DEVICE**
[54] **ENCEINTE APTE A ETRE STERILISEE POUR FIXER UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] LAMBERT, TREVOR JONATHAN, US
[72] ALEXANDER, ROBERT KENNETH, US
[72] HENNIGES, BRUCE D., US
[71] STRYKER CORPORATION, US
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[54] **MRNA CAP ANALOGS AND METHODS OF MRNA CAPPING**
[54] **ANALOGUES DE COIFFES ARNM ET PROCEDES DE COIFFAGE D'ARNM**
[72] BUTORA, GABOR, US
[72] STANTON, MATTHEW, US
[72] STEELE, THOMAS, US
[71] MODERNATX, INC., US
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[54] **NATURAL COLORANTS AND PROCESSES OF MAKING THE SAME**
[54] **COLORANTS NATURELS ET PROCEDES DE FABRICATION ASSOCIES**
[72] HORN, GREGORY, US
[72] MURPHY, LORI, US
[72] WU, SHAOWEN, US
[72] HILALY, AHMAD, US
[72] STIDHAM, LAURA, US
[71] WILD FLAVORS, INC., US
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[54] **CARTON WITH HANDLE**
[54] **CARTON DOTE DE POIGNEE**
[72] HOLLEY, JOHN MURDICK, JR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-04-04
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[25] EN
[54] **SYSTEMS AND METHODS FOR READING MACHINE-READABLE MARKS ON RACKS AND RECEPTACLES**
[54] **SYSTEMES ET PROCEDES DE LECTURE DE MARQUAGES LISIBLES PAR MACHINE SUR DES RAYONNAGES ET RECEPTACLES**
[72] OPALSKY, DAVID, US
[71] GEN-PROBE INCORPORATED, US
[85] 2018-04-04
[86] 2016-10-24 (PCT/US2016/058452)
[87] (WO2017/070663)
[30] US (62/245,930) 2015-10-23

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[51] **Int.Cl. C11B 3/12 (2006.01) C11C 1/10 (2006.01)**
[25] EN
[54] **OIL COMPOSITIONS AND METHODS OF MAKING**
[54] **COMPOSITIONS D'HUILE ET LEURS PROCEDES DE PRODUCTION**
[72] KRALOVEC, JAROSLAV, CA
[72] LUIGART, CHRIS, US
[72] OXFORD, MARK, CA
[72] PROPLESCH, RALF, CH
[72] REYES-SUAREZ, ERICK, CA
[72] ROLLE, ALFRED, CA
[72] STEFANSKI, MICHAEL LENN, US
[71] DSM IP ASSETS B.V., NL
[85] 2018-04-04
[86] 2016-10-05 (PCT/US2016/055599)
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[30] US (62/237,320) 2015-10-05

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING SUPPLEMENTAL INFORMATION IN A TRANSACTION**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'INFORMATIONS SUPPLEMENTAIRES DANS UNE TRANSACTION**
[72] RAJURKAR, PANKAJ, SG
[72] KULPATI, ASHISH, SG
[72] NAYAK, KONI UTTAM, IN
[72] HARIHARAN, GURUMOORTHY, IN
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-04-04
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[30] IN (6294/CHE/2015) 2015-11-23

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[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/77 (2006.01) G01N 33/53 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **HOLLOW POLYMER FIBER OPTIC SYSTEM FOR SINGLE ANALYTE AND MULTIPLEXED ANALYTE DETECTION**
[54] **SYSTEME A FIBRE OPTIQUE POLYMERE CREUSE POUR LA DETECTION D'UN ANALYTE UNIQUE ET D'ANALYTES MULTIPLES**
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[72] HARVEY, PETER A., US
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[72] RYE, PHILIP, NO
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[54] **PROTECTION DE PALETTE COMPRENANT UN OU PLUSIEURS ELEMENTS DE REGULATION DE TEMPERATURE ET KIT A UTILISER POUR LA FABRICATION DE LA PROTECTION DE PALETTE**
[72] LONGLEY, AMANDA, US
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[72] CHASTEEN, JAMES ROBERT, US
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[54] **MACHINE HYDRAULIQUE ET POMPE DOSEUSE REVERSIBLE EQUIPEE D'UNE TELLE MACHINE**
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[54] **PROCEDES POUR LA PREVENTION DE LA DEGRADATION INDUITE PAR DU PLASTIQUE DE PRODUITS BIOLOGIQUES**
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[54] **SYSTEME D'EXPEDITION ISOLE THERMIQUEMENT POUR CHARGE UTILE DE TAILLE PALETTE, PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES ET KIT D'UTILISATION A CET EFFET**
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[72] WISNIEWSKI, MELANIE, DE
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[72] WISNIEWSKI, KAZIMIERZ, US
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[54] **SYSTEME MIS EN □UVRE PAR BALISE POUR GESTION DE CONTENU MOBILE**
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[72] BLANZ, CHRIS, US
[72] HUBER, KEVIN, US
[72] THORNTON, GREG, US
[72] ZENERINO, BEAT, US
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[72] DATTA, SANDEEP ROBERT, US
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[54] **DISPOSITIF DE DISTRIBUTION DE MEDICAMENT**
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[71] AJB LLC, US
[85] 2018-04-04
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE REDUIRE LA FORMATION DE CRISTAUX DE GLACE**
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[54] **PROCEDES POUR AFFICHEURS PROCHES DE L'□IL EXPLOITANT L'EXTRACTION D'INFORMATIONS OPTIQUES DE MISE AU POINT ET DE PROFONDEUR**
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[54] **GENERATION DES PLANTES DE MAIS PRESENTANT UNE MEILLEURE RESISTANCE A L'HELMINTHOSPORIOSE DU NORD DU MAIS**
[72] HOU, ZHENGLIN, US
[72] LEONARD, APRIL LYNN, US
[72] LI, BAILIN, US
[72] TABOR, GIRMA M., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **ULTRASOUND DEVICE FOR VULVOVAGINAL REJUVENATION**
[54] **DISPOSITIF A ULTRASONS POUR RAJEUNISSEMENT VULVOVAGINAL**
[72] KRONE, RYAN TAYLOR, US
[72] ROCKWEILER, HOLLY ELIZABETH, US
[72] JONES, LAUREN PAIGE, US
[72] STEINBERGER, JONATHAN DANIEL, US
[71] MADORRA INC., US
[85] 2018-04-04
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[54] **PATIENT LIFT SYSTEM**
[54] **SYSTEME DE LEVAGE DE PATIENT**
[72] CHANDAN, VARUN, CA
[72] BENSON, WAYNE, CA
[72] CHEPURNY, MARK P., CA
[71] AMICO MOBILITY SOLUTIONS CORP., CA
[85] 2018-04-05
[86] 2016-07-18 (PCT/CA2016/050847)
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[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING DIGITAL INFORMATION AND ALTERING DIGITAL MODELS OF COMPONENTS WITH SAME**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GENERER DES INFORMATIONS NUMERIQUES ET DE MODIFIER DES MODELES NUMERIQUES DE COMPOSANTS AVEC CES DERNIERES**
[72] RAWLINGS, ROSS, CA
[71] RADIX INC., CA
[85] 2018-04-05
[86] 2016-10-06 (PCT/CA2016/051162)
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[25] FR
[54] **PROCESS FOR MANUFACTURING AN IMPREGNATED FIBROUS ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN ASSEMBLAGE FIBREUX IMPREGNE**
[72] GODON, THIERRY CLAUDE HENRI, FR
[72] PODGORSKI, MICHAEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN, FR
[85] 2018-04-05
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[25] FR
[54] **METHOD FOR PRODUCING A COMPOSITE CONDUCTIVE MATERIAL AND COMPOSITE MATERIAL OBTAINED IN THIS WAY**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU COMPOSITE CONDUCTEUR ET MATERIAU COMPOSITE AINSI OBTENU**
[72] AUDENAERT, MARC, FR
[72] HUZE, DENIS, FR
[71] ARKEMA FRANCE, FR
[85] 2018-04-05
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[25] EN
[54] **PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST SMALL CELL LUNG CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LE CANCER DU POUMON A PETITES CELLULES ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] GOLDFINGER, VALENTINA, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] EN
[54] **CRMP2 SUMOYLATION INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE LA SUMOYLATION DE CRMP2 ET UTILISATIONS ASSOCIEES**
[72] KHANNA, MAY, US
[72] KHANNA, RAJESH, US
[72] GOKHALE, VIJAY, US
[72] CHAWLA, REENA, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
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[25] EN
[54] **A UREA INJECTION APPARATUS FOR EXHAUST POST-TREATMENT OF DIESEL ENGINE**
[54] **DISPOSITIF D'INJECTION D'UREE UTILISE POUR UN POST-TRAITEMENT DE GAZ D'ECHAPPEMENT DE DIESEL**
[72] TIAN, WEI, CN
[72] ZHANG, XUN, CN
[72] PAN, SUOZHU, CN
[72] QIU, PENG, CN
[72] HAN, ZHIQIANG, CN
[72] HAN, WEIQIANG, CN
[72] WU, XUESHUN, CN
[71] XIHUA UNIVERSITY, CN
[85] 2018-04-05
[86] 2016-10-20 (PCT/CN2016/102666)
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[25] EN
[54] **A METHOD FOR MANUFACTURING SPECIAL EXTRACTS FROM SYMPHYTUM**
[54] **UN PROCEDE DE PRODUCTION D'EXTRAITS SPECIAUX DE SYMPHYTUM**
[72] HACKER, PETER, CH
[71] MERCK PATENT GMBH, DE
[85] 2018-04-05
[86] 2016-10-24 (PCT/EP2016/075487)
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[25] EN
[54] **COMPOSITIONS AND METHODS USING A POLYPHENOL FOR MUSCULOSKELETAL HEALTH**
[54] **COMPOSITIONS ET PROCEDES EMPLOYANT UN POLYPHENOL POUR LA SANTE MUSCULOSQUELETTIQUE**
[72] HORCAJADA, MARIE NOELLE, FR
[72] MEMBREZ, FANNY, CH
[72] BREUILLE, DENIS, CH
[72] BOUTRY, CLAIRE, CH
[71] NESTEC S.A., CH
[85] 2018-04-05
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[54] **E-VAPOR DEVICE INCLUDING PUNCTURE DEVICE AND SEALED PACKET OF PRE-VAPOR FORMULATION**
[54] **DISPOSITIF ELECTRONIQUE DE VAPOTAGE COMPRENANT UN DISPOSITIF DE PERFORATION ET UN PAQUET SCELLE DE FORMULATION DE PRE-VAPEUR**
[72] MACKO, JASON ANDREW, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-05
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[54] **TRANSMISSION DE DONNEES AIS**
[72] BISCHL, HERMANN, DE
[72] DAMMANN, ARMIN, DE
[72] PLASS, SIMON, DE
[71] DEUTSCHES ZENTRUM FUR LUFT- UND RAUMFAHRT E.V., DE
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[54] **BEVERAGE PREPARATION MACHINE COMPRISING LOCATION SYSTEM**
[54] **MACHINE DE PREPARATION DE BOISSONS COMPRENANT UN SYSTEME DE LOCALISATION**
[72] MOREND, JOEL, CH
[72] SIDDIQI, SAAD, CH
[71] NESTEC S.A., CH
[85] 2018-04-05
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[54] **APPAREIL A BUSE**
[72] GARDEN, IAN, GB
[71] RIGDELUGE GLOBAL LIMITED, GB
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[51] **Int.Cl. A47J 31/20 (2006.01)**
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[54] **COLLECTION RECEPTACLE FOR COLLECTING INSOLUBLE MATERIAL THAT IS USED FOR PREPARING BEVERAGES, AS WELL AS INFUSION DEVICE WITH SUCH A COLLECTION RECEPTACLE**
[54] **RECIPIENT COLLECTEUR POUR LA COLLECTE DE LA MATIERE INSOLUBLE UTILISEE LORS DE LA PREPARATION DE BOISSONS ET DISPOSITIF D'INFUSION DOTE D'UN TEL RECIPIENT COLLECTEUR**
[72] BODUM, JORGEN, CH
[71] PI-DESIGN AG, CH
[85] 2018-04-05
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[54] **COMPOUNDS AND THERAPEUTIC USES THEREOF**
[54] **COMPOSES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] PICKFORD, CHRISTOPHER, GB
[72] WATSON, CHRISTINE, GB
[72] GLOSSOP, MELANIE, GB
[71] CENTAURI THERAPEUTICS LIMITED, GB
[85] 2018-04-05
[86] 2016-10-07 (PCT/GB2016/053134)
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[25] EN
[54] **ROBOTIC DEVICE**
[54] **DISPOSITIF ROBOTIQUE**
[72] HOLLOWAY, MATHEW, GB
[72] LIPINSKI, TOMASZ, GB
[72] HAMILTON, KENT, GB
[72] TAYLOR, DANIEL, GB
[71] Q-BOT LIMITED, GB
[85] 2018-04-05
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[25] EN
[54] **A PROCESS FOR THE MANUFACTURE OF A PRECURSOR YARN**
[54] **PROCEDE POUR LA FABRICATION D'UN FIL PRECURSEUR**
[72] GAROFF, NIKLAS, SE
[72] PROTZ, ROBERT, DE
[72] ERDMANN, JENS, DE
[72] GANSTER, JOHANNES, DE
[72] LEHMANN, ANDRE, DE
[71] STORA ENSO OYJ, FI
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[86] 2016-10-06 (PCT/IB2016/055986)
[87] (WO2017/060845)
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[25] EN
[54] **EASY CONNECTION OF A LIQUID TANK TO A BEVERAGE MACHINE**
[54] **RACCORDEMENT FACILE D'UN RESERVOIR DE LIQUIDE A UNE MACHINE A BOISSONS**
[72] CAHEN, ANTOINE, CH
[72] GRANGER, ERIC, CH
[71] NESTEC S.A., CH
[85] 2018-04-05
[86] 2016-11-09 (PCT/EP2016/077076)
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[30] EP (15194020.2) 2015-11-11

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[25] EN
[54] **A PROCESS FOR THE MANUFACTURE OF A SHAPED BODY**
[54] **PROCESSUS POUR LA FABRICATION D'UN CORPS FACONNE**
[72] GAROFF, NIKLAS, SE
[72] PROTZ, ROBERT, DE
[72] ERDMANN, JENS, DE
[72] GANSTER, JOHANNES, DE
[72] LEHMANN, ANDRE, DE
[71] STORA ENSO OYJ, FI
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[51] **Int.Cl. A61K 35/20 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **METHODS USING WHEY PROTEIN TO IMPROVE OR MAINTAIN MUSCLE QUALITY**
[54] **METHODES UTILISANT UNE PROTEINE LACTOSERIQUE POUR AMELIORER OU MAINTENIR UNE QUALITE MUSCULAIRE**
[72] BREUILLE, DENIS, CH
[72] OFFORD CAVIN, ELIZABETH, CH
[72] ROESSLE, CLAUDIA, CH
[72] FIELDING, ROGER, US
[71] NESTEC S.A., CH
[85] 2018-04-05
[86] 2016-11-16 (PCT/EP2016/077891)
[87] (WO2017/085138)
[30] US (62/258,089) 2015-11-20

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[51] **Int.Cl. C09J 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND CORRESPONDING PROCESS FOR ASSEMBLING TOGETHER TWO COMPONENTS ON A VEHICLE-BODY ASSEMBLING LINE**
[54] **SYSTEME ET PROCEDE ASSOCIE D'ASSEMBLAGE DE DEUX COMPOSANTS SUR UNE LIGNE D'ASSEMBLAGE DE CARROSSERIE DE VEHICULE**
[72] ARDUINO, STEFANO, IT
[72] DI STEFANO, GIOVANNI, IT
[72] SERPI, VALERIA, IT
[71] COMAU S.P.A., IT
[85] 2018-04-05
[86] 2016-10-27 (PCT/IB2016/056454)
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[30] EP (15191738.2) 2015-10-27

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[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-05
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[25] EN
[54] **SUBSTITUTED PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXYLIC ACIDS AND THEIR USE**
[54] **ACIDES PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXYLIQUES SUBSTITUES ET LEUR UTILISATION**
[72] AKKARI, RHALID, FR
[72] ALVEY, LUKE JONATHAN, FR
[72] BOCK, XAVIER MARIE, FR
[72] CLAES, PIETER ISABELLE ROGER, BE
[72] COWART, MARLON D., US
[72] DE LEMOS, ELSA, FR
[72] DESROY, NICOLAS, FR
[72] DUTHION, BERANGER, FR
[72] GFESSER, GREGORY A., US
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] HOUSSEMAN, CHRISTOPHER GAETAN, FR
[72] JANSEN, KOEN KAREL, BE
[72] JI, JIANGUO, US
[72] KYM, PHILIP R., US
[72] LEFRANCOIS, JEAN-MICHEL, FR
[72] MAMMOLITI, OSCAR, BE
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] NEWSOME, GREGORY JOHN ROBERT, FR
[72] PALISSE, ADELINE MARIE ELISE, BE
[72] PATEL, SACHIN V., US
[72] PIZZONERO, MATHIEU RAFAEL, FR
[72] SHRESTHA, ANURUPA, US
[72] SWIFT, ELIZABETH C., US
[72] VAN DER PLAS, STEVEN EMIEL, BE
[72] WANG, XUEQING, US
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2018-04-05
[86] 2016-10-07 (PCT/IB2016/056028)
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[30] US (62/239,475) 2015-10-09

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[25] EN
[54] **N-SULFONYLATED PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXAMIDES AND METHOD OF USE**
[54] **PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXAMIDES N-SULFONYLES ET LEUR PROCEDE D'UTILISATION**
[72] AKKARI, RHALID, FR
[72] ALVEY, LUKE JONATHAN, FR
[72] BOCK, XAVIER MARIE, FR
[72] BROWN, BRIAN S., US
[72] CLAES, PIETER ISABELLE ROGER, BE
[72] COWART, MARLON D., US
[72] DE LEMOS, ELSA, FR
[72] DESROY, NICOLAS, FR
[72] DUTHION, BERANGER, FR
[72] GFESSER, GREGORY A., US
[72] GOSMINI, ROMAIN LUC MARIE, FR
[72] HOUSSEMAN, CHRISTOPHER GAETAN, FR
[72] JANSEN, KOEN KAREL, BE
[72] JI, JIANGUO, US
[72] KYM, PHILIP R., US
[72] LEFRANCOIS, JEAN-MICHEL, FR
[72] MAMMOLITI, OSCAR, BE
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] MERAYO, NURIA MERAYO, FR
[72] NEWSOME, GREGORY JOHN ROBERT, FR
[72] PALISSE, ADELINE MARIE ELISE, FR
[72] PATEL, SACHIN V., US
[72] PIZZONERO, MATHIEU RAFAEL, FR
[72] SHRESTHA, ANURUPA, US
[72] SWIFT, ELIZABETH C., US
[72] VAN DER PLAS, STEVEN EMIEL, BE
[72] WANG, XUEQING, US
[72] DE BLIECK, ANN, BE
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2018-04-05
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[30] US (62/239,647) 2015-10-09
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[51] **Int.Cl. H01M 8/04 (2016.01) B60L 11/18 (2006.01)**
[25] EN
[54] **FUEL CELL VEHICLE CONTROL METHOD AND FUEL CELL VEHICLE CONTROL APPARATUS**
[54] **PROCEDE DE COMMANDE DE VEHICULE A PILE A COMBUSTIBLE ET DISPOSITIF DE COMMANDE DE VEHICULE A PILE A COMBUSTIBLE**
[72] SETOGUCHI, HIDEAKI, JP
[72] KUMADA, MITSUNORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-05
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[54] **POTENTIATOR-CORRECTOR COMBINATIONS USEFUL IN THE TREATMENT OF CYSTIC FIBROSIS**
[54] **COMBINAISONS POTENTIALISATEUR-CORRECTEUR UTILES DANS LE TRAITEMENT DE LA FIBROSE KYSTIQUE**
[72] CONRATH, KATJA E., BE
[72] ROWE, STEVEN M., US
[71] ABBVIE S.A.R.L., LU
[71] GALAPAGOS NV, BE
[85] 2018-04-05
[86] 2016-10-07 (PCT/IB2016/056036)
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[54] **PROCEDE DE DETERMINATION D'ETAT DE PILE A COMBUSTIBLE ET DISPOSITIF DE DETERMINATION D'ETAT**
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[54] **ENSEMBLE DE PANNEAUX DE SOL PERMETTANT DE FORMER UN REVETEMENT DE SOL**
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[71] FLOORING INDUSTRIES LIMITED, SARL, LU
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[54] **PROCESS FOR THE PREPARATION OF (CO) POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A VANADIUM BIS-IMINE COMPLEX**
[54] **PROCEDE DE PREPARATION DE (CO)POLYMERES DE DIENES CONJUGUES EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE DE BIS-IMINE ET DE VANADIUM**
[72] RICCI, GIOVANNI, IT
[72] LEONE, GIUSEPPE, IT
[72] SOMMAZZI, ANNA, IT
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[71] VERSALIS S.P.A., IT
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[54] **PROCEDE DE PRODUCTION DE PLANTES ENTIERES A PARTIR DE PROTOPLASTES**
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[72] KIM, JUNGEUN, KR
[72] CHOE, SUNGHWA, KR
[72] WOO, JE WOOK, KR
[72] KWON, SOON IL, KR
[71] INSTITUTE FOR BASIC SCIENCE, KR
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[54] **PROCEDE POUR UN MOTEUR DIESEL ET MOTEUR DIESEL**
[72] HEDMAN, MATS, SE
[71] HEDMAN ERICSSON PATENT AB, SE
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[54] **BANDAGE PNEUMATIQUE**
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[54] **PAPERBOARD PRODUCT**
[54] **PRODUIT EN CARTON**
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[72] LORENCE, MATT, US
[72] PARADIS, MARK, US
[72] BILODEAU, MICHAEL A., US
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[54] **NANOPARTICLES, COMPOSITION AND SYSTEM FOR DELIVERING 5FU AND USES THEREOF**
[54] **NANOPARTICULES, COMPOSITION ET SYSTEME POUR L'ADMINISTRATION DE 5FU, ET LEURS UTILISATIONS**
[72] ROSIELLO, DAVIDE, IT
[72] VIGILANZA, VINCENZO, IT
[72] ASERO, SALVATORE, IT
[72] DI MINNO , MATTEO, IT
[72] LUPOLI, ROBERTA, IT
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[54] **MODELISATION DE SEQUENCES GEOLOGIQUES COMPLEXES AU MOYEN DE REGLES GEOLOGIQUES ET DE CARTES PALEOGRAPHIQUES**
[72] ROSS, WILLIAM CLAYTON, US
[72] BOWEN, KIERAN, GB
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[54] **FILTRE OPTIQUE A TRANSMITTANCE ET REFLECTANCE SELECTIVES**
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[72] MARSHALL, MICHAEL L., US
[72] BOULINEAU, MICHAEL S., US
[71] VISION EASE, LP, US
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[72] OHARA, SHUNSUKE, JP
[72] TAKEMOTO, MASATSUGU, JP
[72] YAMAMOTO, YUSHIN, JP
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[54] **ADAPTATION DE MAILLES TRIANGULAIRES DE RESEAUX DE FRACTURES**
[72] YARUS, JEFFREY MARC, US
[72] SRIVASTAVA, RAE MOHAN, CA
[72] SHI, GENBAO, US
[72] LICERAS, VERONICA, US
[72] PANDEY, YOGENDRA NARAYAN, US
[72] WANG, ZHAOYANG, US
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[54] **AXMI554 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE**
[54] **GENE AXMI554 DE L'ENDOTOXINE DELTA ET SES PROCEDES D'UTILISATION**
[72] RODGERS-VIEIRA, ELYSE, US
[72] SAMPSON, KIMBERLY, US
[72] LEHTINEN, DUANE, US
[72] LOESEL, PETER, DE
[72] PORTZ, DANIELA, DE
[72] CHOUGULE, NANASAHEB, US
[71] BAYER CROPSCIENCE LP, US
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[54] **AGENTS THERAPEUTIQUES ANTICANCEREUX ET ANTI-INFLAMMATOIRES ET PROCEDES ASSOCIES**
[72] LEONARD, JACK L., US
[72] SIMIN, KARL J., US
[72] LEONARD, DEBORAH M., US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **METHOD TO ENHANCE YEAST GROWTH FOR FERMENTATIVE BIOPRODUCT PRODUCTION, AND NUTRIENT COMPOSITION FOR SAME**
[54] **PROCEDE POUR AMELIORER LA CROISSANCE DE LEVURE POUR LA PRODUCTION DE BIOPRODUITS PAR FERMENTATION, ET COMPOSITION NUTRITIVE POUR CE DERNIER**
[72] BUYONDO, JOHN PAUL, US
[72] JAQUESS, PERCY, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[54] **SIMULATION D'OBJET CIBLE UTILISANT UNE PROPAGATION D'ORBITE**
[72] YARUS, JEFFREY MARC, US
[72] SHI, GENBAO, US
[72] LICERAS, VERONICA, US
[72] PANDEY, YOGENDRA NARAYAN, US
[72] WANG, ZHAOYANG, US
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[54] **SIMULATION D'OBJETS CIBLES A L'AIDE DE SURFACES ONDULEES**
[72] YARUS, JEFFREY MARC, US
[72] SRIVASTAVA, RAE MOHAN, CA
[72] SHI, GENBAO, US
[72] LICERAS, VERONICA, US
[72] PANDEY, YOGENDRA NARAYAN, US
[72] WANG, ZHAOYANG, US
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[54] **METHODS AND COMPOSITIONS UTILIZING CPF1 FOR RNA-GUIDED GENE EDITING**
[54] **METHODES ET COMPOSITIONS UTILISANT CPF1 POUR L'EDITION GENETIQUE GUIDEE PAR L'ARN**
[72] KHALILI, KAMEL, US
[72] MALCOLM, THOMAS, US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **POLYPEPTIDES A DOMAINE EXTRACELLULAIRE CD80 ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] BRENNAN, THOMAS, US
[72] BELLOVIN, DAVID, US
[72] BUSHA, DAVID, US
[72] SENNINO, BARBARA, US
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[54] **PROCEDE D'APPLICATION DE FORCE DE CHARGE SUPERIEURE**
[72] LANE, MICHAEL T., US
[71] AMCOR GROUP GMBH, CH
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[54] **METHODES DE DIAGNOSTIC DE LA TUBERCULOSE**
[72] KHATRI, PURVESH, US
[72] SWEENEY, TIMOTHY E., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **SYSTEMES ET PROCEDES DE DETECTION DE DETOURNEMENT DE SUBSTANCES REGLEMENTEES**
[72] TRIBBLE, DENNIS ANTHONY, US
[72] LOEBIG, SCOTT, US
[72] UTECH, THOMAS, US
[71] CAREFUSION 303, INC., US
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[54] **ENSEMBLE PLENUM DE SOUFFLANTE ET FIXATION DANS UN PRESENTOIR**
[72] LEONARD, LARRY N., US
[71] HUSSMANN CORPORATION, US
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[54] **ANTIBODY/T-CELL RECEPTOR CHIMERIC CONSTRUCTS AND USES THEREOF**
[54] **CONSTRUCTIONS CHIMERIQUES D'ANTICORPS/RECEPTEURS DES LYMPHOCYTES T ET LEURS UTILISATIONS**
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[72] YANG, ZHIYUAN, US
[72] LIU, CHENG, US
[72] LIU, HONG, US
[72] XU, YIYANG, US
[72] YAN, SU, US
[72] CHAN, VIVIEN WAI-FAN, US
[72] HORAN, LUCAS, US
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[54] **SYSTEMES DE PLAN SUSTENTATEUR COMMANDES DE MANIERE DYNAMIQUE ET PROCEDES**
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[71] ION GEOPHYSICAL CORPORATION, US
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[54] **RETICULATION DU COLLAGENE INDUITE PAR LASER DANS LE TISSU**
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[72] TROKEL, STEPHEN, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **MATERIAU DE REMPLISSAGE DE CAVITES OSSEUSES AYANT DES REVETEMENTS DE CALCIUM**
[72] MCKAY, WILLIAM F., US
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[54] **LOW REFLECTION FIBER-OPTIC CONNECTOR**
[54] **CONNECTEUR DE FIBRES OPTIQUES A FAIBLE REFLEXION**
[72] XU, JUNCHENG, US
[72] STAPLETON, TERRY M., US
[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US
[85] 2018-04-05
[86] 2016-11-10 (PCT/US2016/061242)
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[54] **EXTRACTION APPARATUS**
[54] **APPAREIL D'EXTRACTION**
[72] TERPSTRA, STEVEN, AU
[71] ENVIROCHASING IP HOLDINGS PTY LTD, AU
[85] 2018-04-06
[86] 2015-11-18 (PCT/AU2015/000699)
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[51] **Int.Cl. A61L 2/26 (2006.01)**
[25] EN
[54] **SEALABLE DECONTAMINATION HOLDING VESSEL FOR ISOLATING CONTAMINATED ITEMS**
[54] **CUVE DE MAINTIEN DE DECONTAMINATION POUVANT ETRE SCELLEE POUR ISOLER DES ARTICLES CONTAMINES**
[72] DUDLEY, BOBBIE E., JR., US
[71] DUDLEY, BOBBIE E., JR., US
[85] 2018-04-05
[86] 2015-12-28 (PCT/US2015/067648)
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[30] US (62/097,966) 2014-12-30
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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD FOR MONITORING GAS LIFT WELLS USING MINIMAL CONCENTRATION TRACER MATERIALS**
[54] **PROCEDE DE SURVEILLANCE DE PUITS D'EXTRACTION A INJECTION DE GAZ UTILISANT DES MATERIAUX DE TRACEUR A CONCENTRATION MINIMALE**
[72] ROMER, MICHAEL C., US
[72] LONG, TED A., US
[72] HORD, TONY W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-04-05
[86] 2016-08-05 (PCT/US2016/045702)
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[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING OIL/GAS PRODUCTION USING STATISTICAL LEARNING MODELS**
[54] **PROCEDE PERMETTANT D'ESTIMER LA PRODUCTION DE PETROLE/DE GAZ A L'AIDE DE MODELES D'APPRENTISSAGE STATISTIQUES**
[72] SARDUY, LIVAN ALONSO, US
[72] EDELMANN, UDO CHRISTIAN, US
[71] RS ENERGY GROUP TOPCO, INC., US
[85] 2018-04-05
[86] 2017-02-07 (PCT/US2017/016842)
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[51] **Int.Cl. F25J 1/00 (2006.01) C10L 3/10 (2006.01) E04H 5/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **MODULARIZATION OF A HYDROCARBON PROCESSING PLANT**
[54] **MODULARISATION D'UNE USINE DE TRAITEMENT D'HYDROCARBURES**
[72] GUY, ASHLEY R., US
[72] LUPASCU, SORIN T., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MEDICINAL CANNABIS HARVESTING**
[54] **SYSTEMES ET PROCEDES DE RECOLTE DE CANNABIS MEDICINAL**
[72] DESMARAIS, KERRY, US
[72] CARPENTER, THOMAS, US
[72] CARPENTER, CRAIG A., US
[72] BEECHINOR, MATTHEW RYAN, US
[72] FRAZER, THOMAS, US
[72] BELCOURT, BILL, US
[72] BOUCHIER, EVAN, US
[71] DESMARAIS, KERRY, US
[71] CARPENTER, THOMAS, US
[71] CARPENTER, CRAIG A., US
[71] BEECHINOR, MATTHEW RYAN, US
[71] FRAZER, THOMAS, US
[71] BELCOURT, BILL, US
[71] BOUCHIER, EVAN, US
[85] 2018-04-05
[86] 2017-07-11 (PCT/US2017/041462)
[87] (WO2018/048503)
[30] US (15/261,894) 2016-09-10

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CLOUD- AND MOBILE DEVICE-BASED BIOLOGICAL INVENTORY TRACKING**
[54] **PROCEDES ET SYSTEMES POUR SUIVI D'INVENTAIRE BIOLOGIQUE BASE SUR LE NUAGE ET DES DISPOSITIFS MOBILES**
[72] WALL WARNER, AMELIA, US
[72] COLLINS, MARK ANTHONY, US
[71] GLOBAL SPECIMEN SOLUTIONS, INC., US
[85] 2018-04-05
[86] 2016-09-29 (PCT/US2016/054314)
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[25] EN
[54] **INSECTICIDE DISPENSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DISTRIBUTION D'INSECTICIDE**
[72] HIRSCH, JEREMY ELI, US
[72] BONNER, CHRISTOPHER MICHAEL, US
[71] HIRSCH, JEREMY ELI, US
[71] BONNER, CHRISTOPHER MICHAEL, US
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[86] 2017-07-11 (PCT/US2017/041546)
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[51] **Int.Cl. G01N 33/49 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **BLOOD PREPARATION AND PROFILING**
[54] **PREPARATION ET PROFILAGE SANGUINS**
[72] KARSTEN, ELISABETH, AU
[72] HERBERT, BEN, AU
[72] LIDDLE, ALAN, AU
[72] HILL, CAMERON, AU
[71] SANGUI BIO PTY. LTD, AU
[85] 2018-04-06
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[30] AU (2015904075) 2015-10-07

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[51] **Int.Cl. C05G 5/00 (2006.01) C05B 17/00 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSIONS OF POTASSIUM CALCIUM POLYPHOSPHATE**
[54] **DISPERSIONS AQUEUSES DE POLYPHOSPHATE DE POTASSIUM/CALCIUM**
[72] CHAND, UGESH, AU
[71] LIQUID FERTILISER PTY LTD, AU
[85] 2018-04-06
[86] 2016-10-06 (PCT/AU2016/050940)
[87] (WO2017/059492)
[30] US (62/238,889) 2015-10-08

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[51] **Int.Cl. C07F 15/00 (2006.01) C07B 41/06 (2006.01) C07C 29/141 (2006.01) C07C 31/125 (2006.01) C07F 9/145 (2006.01)**
[25] EN
[54] **ECONOMICAL PRODUCTION OF 2-PROPYLHEPTANOL**
[54] **PRODUCTION ECONOMIQUE DE 2-PROPYLHEPTANOL**
[72] DYBALLA, KATRIN MARIE, DE
[72] FRANKE, ROBERT, DE
[72] FRIDAG, DIRK, DE
[72] SCHWARZ, MARKUS, DE
[72] SCHULTE-ALTHOFF, HERMANN-JOSEF, DE
[72] GEILEN, FRANK, DE
[71] EVONIK DEGUSSA GMBH, DE
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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/00 (2006.01) C21D 9/30 (2006.01) C21D 9/46 (2006.01) C22B 9/18 (2006.01) C22B 9/20 (2006.01) C22C 1/02 (2006.01) C22C 30/00 (2006.01) C22C 38/02 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01) C22C 38/10 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01) C22C 38/16 (2006.01) C22C 38/18 (2006.01)**
[25] FR
[54] **STEEL, PRODUCT CREATED FROM SAID STEEL, AND MANUFACTURING METHOD THEREOF**
[54] **ACIER, PRODUIT REALISE EN CET ACIER, ET SON PROCEDE DE FABRICATION**
[72] PERRIN GUERIN, VALERIE, FR
[71] APERAM, LU
[85] 2018-04-05
[86] 2016-10-17 (PCT/IB2016/056221)
[87] (WO2017/064684)
[30] IB (PCT/IB2015/057939) 2015-10-15

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[51] **Int.Cl. C08L 31/04 (2006.01)**
[25] EN
[54] **SEMICONDUCTIVE SHIELD COMPOSITION**
[54] **COMPOSITION DE BLINDAGE SEMI-CONDUCTRICE**
[72] BRIGANDI, PAUL J., US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
[85] 2018-04-05
[86] 2016-09-29 (PCT/US2016/054401)
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[51] **Int.Cl. A61B 17/02 (2006.01) A61B 90/30 (2016.01)**
[25] EN
[54] **SURGICAL RETRACTOR**
[54] **ECARTEUR CHIRURGICAL**
[72] PERLER, ADAM D., US
[72] ZOELLNER, JAMES A., US
[71] PERLER, ADAM D., US
[71] ZOELLNER, JAMES A., US
[85] 2018-04-05
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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01N 57/16 (2006.01) A01N 63/00 (2006.01) A01N 65/00 (2009.01) A01P 5/00 (2006.01)**
[25] EN
[54] **WUPA NUCLEIC ACID MOLECULES THAT CONFER RESISTANCE TO COLEOPTERAN AND HEMIPTERAN PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE WUPA CONFERANT LA RESISTANCE AUX COLEOPTERES ET AUX HEMIPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] FISHILEVICH, ELANE, US
[72] RANGASAMY, MURUGESAN, US
[72] FREY, MEGHAN L., US
[72] LO, WENDY, US
[72] WORDEN, SARAH E., US
[72] GANDRA, PREMCHAND, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-04-05
[86] 2016-10-04 (PCT/US2016/055300)
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[13] A1
[51] **Int.Cl. F42B 39/10 (2006.01)**
[25] FR
[54] **TOOL FOR ATTACHING AND/OR DETACHING MEDIUM-CALIBRE AMMUNITION IN A LINK CHAIN**
[54] **OUTILLAGE D'ATTACHAGE ET/OU DE DETACHAGE DE MUNITIONS DE MOYEN CALIBRE AU SEIN D'UNE CHAINE MAILLONNEE**
[72] COLOMINE, ANTHONY, BE
[72] GRITSKEVITCH, INNOKENTY, BE
[72] FARINELLA, DOMENICO, BE
[71] CMI DEFENCE S.A., BE
[85] 2018-04-05
[86] 2016-10-25 (PCT/EP2016/075615)
[87] (WO2017/080808)
[30] US (62/253,367) 2015-11-10
[30] BE (2015/5803) 2015-12-09

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[51] **Int.Cl. B05B 11/00 (2006.01)**
[25] EN
[54] **DISPENSER, IN PARTICULAR, FOR LIQUID TO PASTY SUBSTANCES**
[54] **DISTRIBUTEUR POUR MASSES EN PARTICULIER LIQUIDES A PATEUSES**
[72] PRESCHE, MARTIN, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2018-04-06
[86] 2016-10-04 (PCT/EP2016/073648)
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[30] DE (10 2015 117 127.9) 2015-10-07
[30] DE (10 2016 106 017.8) 2016-04-01

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[51] **Int.Cl. A61B 8/14 (2006.01)**
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[54] **ULTRASOUND STANDOFF DEVICE**
[54] **DISPOSITIF D'ELOIGNEMENT (« STAND-OFF ») A ULTRASONS**
[72] MARACAJA, LUIZ, US
[71] MARACAJA, LUIZ, US
[85] 2018-04-05
[86] 2016-10-05 (PCT/US2016/055463)
[87] (WO2017/062431)
[30] US (62/237,377) 2015-10-05
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[13] A1
[51] **Int.Cl. G01R 23/167 (2006.01) H02H 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING PHASOR COMPONENTS OF A PERIODIC WAVEFORM**
[54] **PROCEDE ET SYSTEME POUR DETERMINER DES COMPOSANTS DE VECTEUR DE PHASE D'UNE FORME D'ONDE PERIODIQUE**
[72] ABEYWICKRAMA, NILANGA, SE
[72] SAERS, ROBERT, SE
[72] BENGTSSON, TORD, SE
[72] HEDBERG, JONAS, SE
[71] ABB SCHWEIZ AG, CH
[85] 2018-04-06
[86] 2016-10-05 (PCT/EP2016/073725)
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[30] EP (15188598.5) 2015-10-06

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/82 (2006.01) A01N 43/88 (2006.01) A01N 47/06 (2006.01) A01N 55/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS HAVING KNOCK-DOWN OR BLOOD FEED INHIBITION ACTIVITY AGAINST INSECT PESTS**
[54] **COMPOSES ET COMPOSITIONS AYANT UNE ACTIVITE D'ANEANTISSEMENT OU D'INHIBITION DE L'ALIMENTATION EN SANG CONTRE DES INSECTES NUISIBLES**
[72] HUETER, OTTMAR FRANZ, CH
[72] HOPPE, MARK, CH
[72] PITTERNA, THOMAS, CH
[72] WEGE, PHILIP, GB
[72] BOEGER, MANFRED (DECEASED), CH
[72] MAIENFISCH, PETER, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-04-06
[86] 2016-10-06 (PCT/EP2016/073932)
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[30] US (62/238050) 2015-10-06

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[51] **Int.Cl. A61B 1/12 (2006.01) A61B 90/70 (2016.01) A61L 2/18 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **PRE-CLEANING SYSTEM FOR FLEXIBLE ENDOSCOPES: BATH AND METHOD**
[54] **SYSTEME DE PRENETTOYAGE POUR ENDOSCOPES FLEXIBLES : BAIN ET PROCEDE**
[72] WELLENS, SERGE, BE
[71] Z-PROJECTS BVBA, BE
[85] 2018-04-06
[86] 2016-10-06 (PCT/EP2016/073933)
[87] (WO2017/060390)
[30] GB (1517735.5) 2015-10-07
[30] US (62/238,946) 2015-10-08

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/02 (2006.01)**
[25] EN
[54] **USE OF PEPTIDES TO STIMULATE THE IMMUNE SYSTEM**
[54] **UTILISATION DE PEPTIDES POUR STIMULER LE SYSTEME IMMUNITAIRE**
[72] TAMARIT, BLANCHE, FR
[72] THEZE, JACQUES, FR
[71] DIACCURATE, FR
[85] 2018-04-06
[86] 2016-10-07 (PCT/EP2016/073960)
[87] (WO2017/060405)
[30] EP (15306597.4) 2015-10-09

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[51] **Int.Cl. G21F 1/10 (2006.01) G21F 5/00 (2006.01) G21F 9/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO CONTAIN OR ENCAPSULATE RADIOACTIVE MATERIALS AND TOXIC SUBSTANCES FOR TRANSPORTATION OR CONTAINMENT**
[54] **PROCEDE ET SYSTEME POUR CONTENIR OU ENCAPSULER DES MATERIAUX RADIOACTIFS ET DES SUBSTANCES TOXIQUES POUR LE TRANSPORT OU LE CONFINEMENT**
[72] MOHARRER, MOHAMMAD ALI SANAGOOY, AU
[71] HAZPROTECT PTY LTD, AU
[85] 2018-04-06
[86] 2016-10-07 (PCT/AU2016/050944)
[87] (WO2017/059496)
[30] AU (2015904116) 2015-10-09

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[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **SET OF PANELS FOR FLOOR, WALL OR CEILING COVERING**
[54] **ENSEMBLE DE PANNEAUX DE REVETEMENT POUR SOL, MUR OU PLAFOND**
[72] BEVERNAGE, LEO MARIE RICHARD, BE
[72] HINDERSLAND, LEIF KARE, NO
[72] HAUSVIK, TOR INGE, NO
[72] ARNES, DAG, NO
[72] VETLAND, LASSE, NO
[71] BERRYALLOC NV, BE
[85] 2018-04-06
[86] 2016-10-07 (PCT/EP2016/073988)
[87] (WO2017/060419)
[30] EP (15189039.9) 2015-10-08

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[51] **Int.Cl. C09K 8/584 (2006.01) B01F 17/00 (2006.01) C11D 1/06 (2006.01)**
[25] EN
[54] **CASHEW NUTSHELL LIQUID ALKOXYLATE CARBOXYLATE AS A NEW RENEWABLE SURFACTANT COMPOSITION FOR ENHANCED OIL RECOVERY APPLICATIONS**
[54] **CARBOXYLATE D'ALCOXYLATE LIQUIDE DE COQUILLE DE NOIX DE CAJOU UTILISABLE EN TANT QUE NOUVELLE COMPOSITION TENSIOACTIVE RENOUVELABLE POUR APPLICATIONS DE RECUPERATION ASSISTEE DU PETROLE**
[72] LEINWEBER, DIRK, DE
[72] KAISER, ANTON, DE
[72] WYLDE, JONATHAN, US
[72] NIMPHIUS, CORINNA, DE
[72] SHAMSI JAZEYI, HADI, US
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-04-06
[86] 2016-10-07 (PCT/EP2016/074038)
[87] (WO2017/060451)
[30] US (14/879,988) 2015-10-09
[30] EP (15192500.5) 2015-11-02

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[51] **Int.Cl. C09K 8/584 (2006.01) B01F 17/00 (2006.01) C11D 1/06 (2006.01)**
[25] EN
[54] **CASHEW NUTSHELL LIQUID ALKOXYLATE SULFATE AS A NEW RENEWABLE SURFACTANT COMPOSITION FOR ENHANCED OIL RECOVERY APPLICATIONS**
[54] **SULFATE D'ALCOXYLATE LIQUIDE DE COQUILLE DE NOIX DE CAJOU UTILISABLE EN TANT QUE NOUVELLE COMPOSITION TENSIOACTIVE RENOUVELABLE POUR APPLICATIONS DE RECUPERATION ASSISTEE DU PETROLE**
[72] LEINWEBER, DIRK, DE
[72] KAISER, ANTON, US
[72] WYLDE, JONATHAN, US
[72] NIMPHIUS, CORINNA, DE
[72] SHAMSI JAZEYI, HADI, US
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-04-06
[86] 2016-10-07 (PCT/EP2016/074039)
[87] (WO2017/060452)
[30] US (14/879,919) 2015-10-09
[30] EP (15192501.3) 2015-11-02

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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND METHODS**
[54] **COMPOSES THERAPEUTIQUES ET PROCEDES**
[72] VALLERA, DANIEL ATTILIO, US
[72] MILLER, JEFFREY S., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055722)
[87] (WO2017/062604)
[30] US (62/237,835) 2015-10-06

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[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **USE OF PYDIFLUMETOFEN FOR THE REDUCTION OF MYCOTOXIN CONTAMINATION IN PLANTS**
[54] **UTILISATION DE PYDIFLUMETOFEN PERMETTANT LA REDUCTION DE CONTAMINATION DE MYCOTOXINE DANS DES PLANTES**
[72] DAHMEN, PETER, DE
[72] COQUERON, PIERRE-YVES, FR
[72] WETCHOLOWSKY, INGO, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-04-06
[86] 2016-10-07 (PCT/EP2016/074109)
[87] (WO2017/060499)
[30] EP (15189239.5) 2015-10-09

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[51] **Int.Cl. B65D 55/02 (2006.01) B65D 41/32 (2006.01)**
[25] EN
[54] **CONTAINERS AND CLOSURES**
[54] **RECIPIENTS ET FERMETURES**
[72] MAI, ARNOLD HEINZ, DE
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2018-04-06
[86] 2016-09-23 (PCT/CA2016/051120)
[87] (WO2017/066868)
[30] US (62/245,458) 2015-10-23

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[51] **Int.Cl. C08L 9/00 (2006.01) B60C 1/00 (2006.01) C08L 21/00 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITION INCLUDING A SPECIFIC HYDROCARBON RESIN**
[54] **COMPOSITION DE CAOUTCHOUC COMPRENANT UNE RESINE HYDROCARBONEE SPECIFIQUE**
[72] DE GAUDEMARIS, BENOIT, FR
[72] HUT, ALAIN, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **DENDRIMERES DE CYCLODEXTRINE POLYANIONIQUES MULTIFONCTIONNELS**
[72] LING, CHANG-CHUN, CA
[72] KLASSEN, JOHN, CA
[72] LERICHE, EMMA-DUNE, FR
[72] ZHANG, PING, CA
[72] WANG, AIXIA, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2018-04-06
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[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAINTAINING BOTTOM HOLE PRESSURE DURING CONNECTIONS**
[54] **PROCEDE ET APPAREIL POUR MAINTENIR LA PRESSION DE FOND DE TROU PENDANT DES RACCORDEMENTS**
[72] LOCK, JASON, CA
[71] BEYOND ENERGY SERVICES & TECHNOLOGY CORP., CA
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[54] **ODOR CONTROL PRODUCT PACKAGE AND METHOD OF FORMING THE SAME**
[54] **EMBALLAGE DE CONTROLE DES ODEURS ET SON PROCEDE DE FORMAGE**
[72] LOEBERTMANN, DOUGLAS E., US
[72] PHOTHIRATH, DANIEL D., US
[72] HEYER, STEPHEN A., US
[71] SATELLITE INDUSTRIES, INC., US
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055740)
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[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES CIBLANT LES GENES PSCA**
[72] PRICEMAN, SAUL J., US
[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[71] CITY OF HOPE, US
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055761)
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[25] EN
[54] **METHOD FOR PRODUCING GENOME-ENGINEERED PLANTS FROM PLANT PROTOPLASTS AT HIGH EFFICIENCY**
[54] **PROCEDE DE PRODUCTION DE PLANTES A GENOME MODIFIE A PARTIR DE PROTOPLASTES VEGETAUX A EFFICACITE ELEVEE**
[72] KIM, JIN SOO, KR
[72] KIM, JUNGEUN, KR
[72] CHOE, SUNGHWA, KR
[72] WOO, JE WOOK, KR
[72] KWON, SOON IL, KR
[72] KIM, HYERAN, KR
[71] INSTITUTE FOR BASIC SCIENCE, KR
[71] SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, KR
[71] AICT, KR
[85] 2018-04-05
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[54] **COMMANDE DE TRANSITIONS DANS DES DISPOSITIFS OPTIQUEMENT COMMUTABLES**
[72] JACK, GORDON, US
[72] KAILASAM, SRIDHAR K., US
[72] BROWN, STEPHEN C., US
[72] PRADHAN, ANSHU A., US
[71] VIEW, INC., US
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[25] EN
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[54] **ESTIMATION DE DEBIT AU NIVEAU D'UNE POMPE**
[72] FJALESTAD, KJETIL, NO
[72] KRISHNAMOORTHY, DINESH, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2018-04-05
[86] 2016-10-05 (PCT/NO2016/050200)
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[51] **Int.Cl. A61F 2/58 (2006.01) A61F 2/68 (2006.01)**
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[54] **AN AUTOMATED HAND**
[54] **MAIN AUTOMATISEE**
[72] JURY, MATHEW JAMES, NZ
[72] LOVEGROVE, DAVID NEIL, NZ
[72] DAWSON, ROSS HUGHAN, NZ
[72] JACKSON-HILL, OLIVER CHARLES GRAHAM, NZ
[72] BEST, DARRYL JOHN, NZ
[72] LOWY, JONATHAN DAVID, NZ
[71] 5TH ELEMENT LIMITED, NZ
[85] 2018-04-05
[86] 2016-10-05 (PCT/NZ2016/050163)
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[30] US (62/237,089) 2015-10-05
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[51] **Int.Cl. A61B 8/10 (2006.01) A61F 9/007 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **ULTRASOUND DIRECTED CAVITATIONAL METHODS AND SYSTEMS FOR OCULAR TREATMENTS**
[54] **PROCEDES DE CAVITATION DIRIGES PAR ULTRASONS ET SYSTEME POUR TRAITEMENTS OCULAIRES**
[72] HEREKAR, SATISH, US
[72] HEREKAR, RAJEEV, US
[71] ALEYEGN TECHNOLOGIES, LLC, US
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055829)
[87] (WO2017/062673)
[30] US (62/237,840) 2015-10-06
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[51] **Int.Cl. C12N 15/10 (2006.01) G01N 33/537 (2006.01)**
[25] EN
[54] **EARLY POST-TRANSFECTION ISOLATION OF CELLS (EPIC) FOR BIOLOGICS PRODUCTION**
[54] **ISOLEMENT POST-TRANSFECTION PRECOCE DE CELLULES (EPIC) POUR LA PRODUCTION DE PRODUITS BIOLOGIQUES**
[72] CAIRNS, VICTOR R., US
[72] DEMARIA, CHRISTINE, US
[72] VITKO, JASON, US
[71] GENZYME CORPORATION, US
[85] 2018-04-05
[86] 2016-10-07 (PCT/US2016/055918)
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[25] EN
[54] **POST-COATING COMPOSITION FOR REINFORCEMENT FIBERS**
[54] **COMPOSITION DE POST-REVETEMENT POUR FIBRES DE RENFORCEMENT**
[72] HARTMAN, DAVID, US
[72] SANTOS, CHRISTIAN ESPINOZA, US
[72] MOLNAR, DAVID L., US
[71] OCV INTELLECTUAL CAPITAL, LLC, US
[85] 2018-04-05
[86] 2016-10-07 (PCT/US2016/055936)
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[30] US (62/238,757) 2015-10-08

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[51] **Int.Cl. E21B 44/02 (2006.01) B23B 39/00 (2006.01) G05B 15/02 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR OPTIMISING ENERGY USAGE AT A DRILLING ARRANGEMENT**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION DE L'UTILISATION D'ENERGIE AU NIVEAU D'UNE INSTALLATION DE FORAGE**
[72] PECO, THIMAQ TIM, SE
[71] LKAB WASSARA AB, SE
[85] 2018-04-05
[86] 2016-09-29 (PCT/SE2016/050925)
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[30] SE (1551310-4) 2015-10-09

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[51] **Int.Cl. C12N 5/0793 (2010.01) C12N 5/0789 (2010.01)**
[25] EN
[54] **IN VITRO METHODS OF IDENTIFYING MODULATORS OF NEUROMUSCULAR JUNCTION ACTIVITY**
[54] **PROCEDES IN VITRO D'IDENTIFICATION DE MODULATEURS DE L'ACTIVITE DE JONCTION NEUROMUSCULAIRE**
[72] STUDER, LORENZ, US
[72] STEINBECK, JULIUS, DE
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-04-05
[86] 2016-10-07 (PCT/US2016/056113)
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[25] EN
[54] **METHODS AND APPARATUSES FOR TREATING AGRICULTURAL MATTER**
[54] **PROCEDES ET APPAREILS POUR LE TRAITEMENT D'UNE MATIERE AGRICOLE**
[72] WOLFE, BENJAMIN, US
[72] PASKALOV, GEORGE, US
[72] JARVIS, RICK, US
[72] PUCHACZ, JERZY P., US
[71] APPLIED QUANTUM ENERGIES, LLC, US
[85] 2018-04-05
[86] 2016-10-10 (PCT/US2016/056289)
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[13] A1
[51] **Int.Cl. G01C 21/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MICRO-LOCATING AND COMMUNICATING WITH A PORTABLE VEHICLE CONTROL DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MICRO-LOCALISER ET DE COMMUNIQUER AVEC UN DISPOSITIF DE COMMANDE DE VEHICULE PORTATIF**
[72] SANTAVICCA, JOSEPH ANTHONY, US
[72] BRADY, BENSON JAMES, US
[72] PIERSON, TRISTEN KYLE, US
[71] VOXX INTERNATIONAL CORPORATION, US
[85] 2018-04-05
[86] 2016-10-11 (PCT/US2016/056407)
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[30] US (62/239,080) 2015-10-08
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[51] **Int.Cl. H01L 21/44 (2006.01) H01L 21/4763 (2006.01) H01L 29/00 (2006.01)**
[25] EN
[54] **MEASUREMENT OF ELECTRIC SIGNALS TO DETECT PRESENCE OR FLOW OF ELECTROACTIVE SPECIES IN SOLUTION**
[54] **MESURE DE SIGNAUX ELECTRIQUES POUR DETECTER LA PRESENCE OU LE FLUX D'UNE ESPECE ELECTROACTIVE DANS UNE SOLUTION**
[72] LEDDEN, BRADLEY THOMAS, US
[71] SFC FLUIDICS, INC., US
[85] 2018-04-05
[86] 2016-10-12 (PCT/US2016/056530)
[87] (WO2017/066241)
[30] US (62/241,203) 2015-10-14

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[51] **Int.Cl. A61F 2/86 (2013.01) A61F 2/95 (2013.01) A61F 2/82 (2013.01) A61L 31/16 (2006.01)**
[25] EN
[54] **STENTS HAVING PROTRUDING DRUG-DELIVERY FEATURES AND ASSOCIATED SYSTEMS AND METHODS**
[54] **STENTS POURVUS D'ELEMENTS SAILLANTS D'ADMINISTRATION DE MEDICAMENT ET SYSTEMES ET PROCEDES ASSOCIES**
[72] FULKERSON, JOHN, US
[72] RIZK, ISA, US
[72] MUSTAPHA, JIHAD A., US
[72] JIMENEZ, TEODORO S., JR., US
[71] REFLOW MEDICAL, INC., US
[85] 2018-04-05
[86] 2016-10-12 (PCT/US2016/056688)
[87] (WO2017/066355)
[30] US (62/240,320) 2015-10-12

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[51] **Int.Cl. A61B 5/02 (2006.01) A61F 13/00 (2006.01) A61M 1/36 (2006.01) A61M 5/168 (2006.01) A61M 5/50 (2006.01) G01N 27/12 (2006.01)**
[25] EN
[54] **MEDICAL WETNESS SENSING DEVICES AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS MEDICAUX DE DETECTION D'HUMIDITE, SYSTEMES ET PROCEDES CORRESPONDANTS**
[72] SCHMIDT, DANIEL, US
[72] ALBER, ELLIOTT, US
[72] WEAVER, COLIN, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-04-05
[86] 2016-10-13 (PCT/US2016/056743)
[87] (WO2017/095533)
[30] US (14/886,427) 2015-10-19

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[51] **Int.Cl. B42D 25/20 (2014.01) B42D 25/47 (2014.01) B32B 15/14 (2006.01) G06K 19/02 (2006.01)**
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[54] **MULTILAYER COMPOSITE BACKED CARD**
[54] **CARTE A SUPPORT COMPOSITE MULTICOUCHE**
[72] CEPRESS, CARL ALEXANDER, US
[72] ONG, ELWIN CHING YEE, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-04-05
[86] 2016-10-13 (PCT/US2016/056867)
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[30] US (62/241,421) 2015-10-14

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[25] FR
[54] **STRUCTURAL COMPONENT OF A MOTOR VEHICLE SHELL OFFERING AN EXCELLENT COMPROMISE BETWEEN MECHANICAL STRENGTH AND CRASH RESISTANCE**
[54] **COMPOSANT DE STRUCTURE DE CAISSE AUTOMOBILE PRESENTANT UN EXCELLENT COMPROMIS ENTRE RESISTANCE MECANIQUE ET COMPORTEMENT AU CRASH**
[72] MULLER, ESTELLE, FR
[72] REBUFFET, OLIVIER, FR
[72] DELGRANGE, GUILLAUME, FR
[71] CONSTELLIUM NEUF-BRISACH, FR
[85] 2018-04-06
[86] 2016-10-06 (PCT/FR2016/052577)
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[30] FR (15/59674) 2015-10-12

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[51] **Int.Cl. B29C 51/20 (2006.01) B29C 51/08 (2006.01) B29C 51/14 (2006.01) B29C 51/26 (2006.01) B29C 51/30 (2006.01)**
[25] FR
[54] **THERMOFORMING ASSEMBLY**
[54] **ENSEMBLE DE THERMOFORMAGE**
[72] BORDELLIER, FRANCK, FR
[72] CALLENS, CLEMENT, FR
[72] DREANO, ELISE, FR
[72] EXERTIER, AGNES, FR
[71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES, FR
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[30] FR (1559542) 2015-10-07

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[25] EN
[54] **PRODUCING PRESSURIZED AND HEATED FLUIDS USING A FUEL CELL**
[54] **PRODUCTION DE FLUIDES SOUS PRESSION ET CHAUFFES A L'AIDE D'UNE PILE A COMBUSTIBLE**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
[85] 2018-04-06
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[51] **Int.Cl. B23H 9/10 (2006.01) B23H 3/04 (2006.01)**
[25] FR
[54] **TOOL FOR MACHINING WELLS IN MULTI-STAGE DISCS BY PECM, ELECTROCHEMICAL MACHINING ASSEMBLY AND MACHINE INCLUDING SAID TOOL, AND METHOD USING SAID TOOL**
[54] **GUTILLAGE POUR L'USINAGE D'ALVEOLES DE DISQUES MULTI-ETAGES PAR PECM, ENSEMBLE ET MACHINE D'USINAGE ELECTROCHIMIQUE COMPORTANT CET OUTILLAGE, ET PROCEDE UTILISANT CET OUTILLAGE**
[72] LECOMTE, JANVIER, FR
[72] RANCIC, MICKAEL, FR
[72] TALLON, SOPHIE, FR
[72] KRAFT, JURI, DE
[72] GRUTZMACHER, ANDREAS, DE
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] PEMTEC, FR
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[25] FR
[54] **RING GEAR FOR AN EPICYCLIC REDUCTION GEAR**
[54] **COURONNE DENTEE POUR REDUCTEUR EPICYCLOIDAL**
[72] AUTRAN, PAULINE MARIE CECILE, FR
[72] BECK, GUILLAUME, FR
[72] MORELLI, BORIS, FR
[72] PELTIER, JORDANE, FR
[72] CLAYETTE, JEAN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
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[30] FR (1559918) 2015-10-16

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[25] EN
[54] **TUNING OF ASSOCIATIONS FOR PREDICTIVE GENE SCORING**
[54] **AJUSTEMENT D'ASSOCIATIONS POUR NOTATION PREDICTIVE DE GENES**
[72] MAO, SHIHONG, CA
[72] DENG, WEI QXI, CA
[72] PARE, GUILLAUME, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2018-04-06
[86] 2017-09-25 (PCT/CA2017/051126)
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[30] US (62/399,783) 2016-09-26

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[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/52 (2006.01)**
[25] EN
[54] **IMPROVED ESPRESSO COFFEE MACHINE AND METHOD FOR DISPENSING AN ESPRESSO COFFEE**
[54] **MACHINE A CAFE EXPRESSO AMELIOREE ET PROCEDE DE DISTRIBUTION DE CAFE EXPRESSO**
[72] GATTI, RICCARDO, IT
[72] BERNA, TOMMASO, IT
[72] BIANCHI, ROBERTO, IT
[71] LA MARZOCCO S.R.L., IT
[85] 2018-04-06
[86] 2016-10-20 (PCT/EP2016/075182)
[87] (WO2017/068021)
[30] IT (102015000064535) 2015-10-22

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[51] **Int.Cl. B60L 8/00 (2006.01) H02S 10/40 (2014.01) H02S 20/32 (2014.01) B60K 16/00 (2006.01) B64G 1/16 (2006.01) B64G 1/44 (2006.01)**
[25] EN
[54] **SOLAR TRACKING ELECTRIC VEHICLE**
[54] **VEHICULE ELECTRIQUE DE POURSUITE SOLAIRE**
[72] BEMONT, CLINTON PIERRE, ZA
[72] VEALE, KIRSTY LYNN, ZA
[71] UNIVERSITY OF KWAZULU-NATAL, ZA
[85] 2018-04-06
[86] 2016-08-19 (PCT/IB2016/054967)
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[30] GB (1515247.3) 2015-08-27

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[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT USING ANTI-IL-17A/F ANTIBODIES**
[54] **METHODES DE TRAITEMENT A L'AIDE D'ANTICORPS ANTI-IL-17A/F**
[72] GLATT, SOPHIE, GB
[72] IONESCU, LUCIAN, BE
[72] JONES, MARGARET, GB
[72] OLIVER, RUTH, GB
[72] SHAW, STEVAN GRAHAM, GB
[72] STRIMENOPOULOU, FOTEINI, GB
[72] VAJJAH, VENKATA PAVAN KUMAR, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-04-06
[86] 2016-10-26 (PCT/EP2016/075821)
[87] (WO2017/072183)
[30] US (62/246,989) 2015-10-27
[30] US (62/303,230) 2016-03-03
[30] US (62/346,826) 2016-06-07
[30] US (62/405,546) 2016-10-07

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[51] **Int.Cl. G01V 1/52 (2006.01) G01V 1/157 (2006.01) G10K 15/06 (2006.01)**
[25] FR
[54] **DIAGNOSTIC DEVICE FOR A SEISMIC PROBE AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE DIAGNOSTIC POUR SONDE SISMIQUE ET PROCEDE ASSOCIE**
[72] DELCHAMBRE, MICHAEL, FR
[72] LABUDA, SERGEI, FR
[72] HORSOT, XAVIER, FR
[71] ENE29 S.AR.L., LU
[85] 2018-04-06
[86] 2016-10-24 (PCT/EP2016/075538)
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[30] FR (15.60379) 2015-10-29

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[51] **Int.Cl. B29C 43/34 (2006.01) B29C 31/04 (2006.01) B29C 43/08 (2006.01) B29C 43/20 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR PROCESSING DOSES**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT DE DOSES**
[72] PUCCI, FABRIZIO, IT
[72] PARRINELLO, FIORENZO, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2018-04-06
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[87] (WO2017/064601)
[30] IT (102015000061419) 2015-10-14

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[25] EN
[54] **COMPOSITE FIBRE**
[54] **FIBRE COMPOSITE**
[72] GOSWAMI, PARIKSHIT, GB
[72] SMITH, TIMOTHY, GB
[72] HEBDEN, ANDREW, GB
[72] RUSSELL, STEPHEN, GB
[71] UNIVERSITY OF LEEDS, GB
[85] 2018-04-06
[86] 2016-10-06 (PCT/GB2016/053112)
[87] (WO2017/060709)
[30] GB (1517791.8) 2015-10-08

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[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/16 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **NEW POLYPEPTIDE HAVING AFFINITY TO PD-L1**
[54] **NOUVEAU POLYPEPTIDE PRESENTANT UNE AFFINITE POUR PD-L1**
[72] WAHLBERG, ELISABET, SE
[72] GUNNERIUSSON, ELIN, SE
[71] AFFIBODY AB, SE
[85] 2018-04-06
[86] 2016-10-28 (PCT/EP2016/076040)
[87] (WO2017/072280)
[30] EP (15192364.6) 2015-10-30
[30] EP (16157154.2) 2016-02-24

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[51] **Int.Cl. C08K 3/26 (2006.01) C08L 1/02 (2006.01)**
[25] EN
[54] **3D-FORMABLE SHEET MATERIAL**
[54] **MATERIAU EN FEUILLE POST-FORMABLE EN 3D**
[72] HUNZIKER, PHILIPP, CH
[72] GANE, PATRICK, CH
[72] KRITZINGER, JOHANNES, CH
[72] SCHENKER, MICHEL, CH
[71] FIBERLEAN TECHNOLOGIES LIMITED, GB
[85] 2018-04-06
[86] 2016-10-13 (PCT/IB2016/001573)
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[30] EP (15189863.2) 2015-10-14
[30] EP (16166349.7) 2016-04-21

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/15 (2006.01) A61L 15/28 (2006.01) D04H 11/00 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOSITION CONTAINING A STARCH HYDROLYSATE FOR HEAT-SEALING**
[54] **COMPOSITION ADHESIVE COMPRENANT UN HYDROLYSANT D'AMIDON POUR LE THERMOCOLLAGE**
[72] REDL, ANDREAS, BE
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
[85] 2018-04-06
[86] 2016-10-07 (PCT/IB2016/056015)
[87] (WO2017/060864)
[30] BE (BE-2015/5636) 2015-10-07

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[51] **Int.Cl. B65C 3/16 (2006.01) B65C 9/04 (2006.01) B65G 21/20 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DISCHARGING OBJECTS WITH A NON-ROTATIONALLY SYMMETRICAL BASE SURFACE**
[54] **DISPOSITIF ET PROCEDE D'EVACUATION D'OBJETS DOTES D'UNE SURFACE D'APPUI NE PRESENTANT PAS DE SYMETRIE DE REVOLUTION**
[72] HEUFT, BERNHARD, DE
[72] ZAPPAI, WOLFGANG, DE
[71] HEUFT SYSTEMTECHNIK GMBH, DE
[85] 2018-04-06
[86] 2016-11-07 (PCT/EP2016/076787)
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[30] DE (10 2015 014 275.5) 2015-11-06

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[25] EN
[54] **IMMUNOASSEMBLIN (IA) PROTEIN COMPLEXES**
[54] **COMPLEXES PROTEINIQUES D'IMMUNOASSEMBLINE (IA)**
[72] EDGU, GUVEN, DE
[72] SACK, MARKUS, DE
[72] BEISS, VERONIQUE, DE
[72] BOES, ALEXANDER, DE
[72] SPIEGEL, HOLGER, DE
[72] REIMANN, ANDREAS, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN, DE
[85] 2018-04-06
[86] 2016-11-09 (PCT/EP2016/077098)
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[30] EP (PCT/EP2015/076194) 2015-11-10

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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **WIRELESS MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE SANS FIL**
[72] SCHUELER, JOHANNES BERNARDUS, NL
[72] PHILIPS, WILFRIED RICHARD HORTENSE, BE
[72] KLEIHORST, RICHARD, BE
[72] VAN BUYTEN, ALAIN MYRIAM ROBERT, BE
[72] DEBOIS, STEFAN ALBERT DENISE, BE
[71] SENSO2ME NV., BE
[85] 2018-04-06
[86] 2016-10-07 (PCT/IB2016/056018)
[87] (WO2017/060867)
[30] BE (BE2015/5639) 2015-10-07

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[51] **Int.Cl. E05F 15/77 (2015.01) E05F 15/40 (2015.01)**
[25] EN
[54] **WIRELESS INFRARED SAFETY SENSOR FOR GARAGE DOOR OPENER SYSTEM**
[54] **CAPTEUR DE SECURITE INFRAROUGE SANS FIL POUR SYSTEME D'OUVERTURE DE PORTE DE GARAGE**
[72] TSUI, PHILIP Y.W., HK
[72] TSUI, GALLEN K.L., CA
[71] TSUI, PHILIP Y.W., HK
[71] TSUI, GALLEN K.L., CA
[85] 2018-04-06
[86] 2016-07-14 (PCT/CA2016/050832)
[87] (WO2017/008167)
[30] US (62/192,731) 2015-07-15

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[51] **Int.Cl. A61C 17/22 (2006.01) A61C 15/04 (2006.01) B26B 19/38 (2006.01)**
[25] EN
[54] **PERSONAL HYGIENE DEVICE AND METHOD OF CONTROLLING A PERSONAL HYGIENE DEVICE**
[54] **DISPOSITIF D'HYGIENE PERSONNELLE ET PROCEDE DE COMMANDE D'UN DISPOSITIF D'HYGIENE PERSONNELLE**
[72] LUECKEL, KRIS, DE
[72] KUCHLER, KERVIN HEINRICH, DE
[72] KIIVER, EGLE, DE
[71] BRAUN GMBH, DE
[85] 2018-04-06
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[87] (WO2017/064640)
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[51] **Int.Cl. A61F 13/02 (2006.01) A61F 7/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **HEATING KINESIOLOGY TAPE**
[54] **BANDE DE KINESIOLOGIE CHAUFFANTE**
[72] VAN DEN DRIES, GREGORY, US
[72] GASHPAR, VITALY, US
[72] YOUNG, BRUCE, US
[71] ROCKTAPE, INC., US
[85] 2018-04-06
[86] 2016-10-15 (PCT/IB2016/056190)
[87] (WO2017/077410)
[30] US (62/250,385) 2015-11-03

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[51] **Int.Cl. A61N 5/06 (2006.01) A61B 1/07 (2006.01) A61B 1/307 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **FIBER OPTIC LIGHT DELIVERY, MONITORING AND APPARATUS THEREFORE**
[54] **DISTRIBUTION DE LUMIERE A FIBRE OPTIQUE, SURVEILLANCE ET APPAREIL ASSOCIES**
[72] LIGLE, LOTHAR, CA
[72] DUMOULIN-WHITE, ROGER, CA
[72] EMBREE, WAYNE, CA
[72] LEM, DON, CA
[72] MANDEL, ARKADY, CA
[72] WU, JENNY, CA
[71] THERALASE TECHNOLOGIES, INC., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2018-04-06
[86] 2016-10-10 (PCT/IB2016/056061)
[87] (WO2017/060887)
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[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] OKU, TAKANORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-06
[86] 2015-10-06 (PCT/JP2015/078300)
[87] (WO2017/060972)

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[25] EN
[54] **RECEIVING APPARATUS, SENDING APPARATUS, AND DATA PROCESSING METHOD**
[54] **APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] TAKAHASHI, KAZUYUKI, JP
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2018-04-06
[86] 2016-09-30 (PCT/JP2016/078984)
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[51] **Int.Cl. B65D 81/20 (2006.01) B65D 81/26 (2006.01) B65B 31/02 (2006.01)**
[25] EN
[54] **PACKAGING SYSTEM, CONTAINER THEREFOR AND PROCESS FOR PACKAGING A PRODUCT**
[54] **SYSTEME D'EMBALLAGE, CONTENANT PREVU A CET EFFET ET PROCEDE POUR EMBALLER UN PRODUIT**
[72] HARDWICK, CRAIG, GB
[72] DAVEY, ALAN, GB
[71] LINPAC PACKAGING LIMITED, GB
[85] 2018-04-06
[86] 2016-07-28 (PCT/GB2016/052321)
[87] (WO2017/060668)
[30] GB (1517741.3) 2015-10-07

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[51] **Int.Cl. G01N 29/04 (2006.01) G01N 29/24 (2006.01) G01N 29/27 (2006.01)**
[25] EN
[54] **NONDESTRUCTIVE INSPECTION APPARATUS AND METHOD OF MANUFACTURING BEARING**
[54] **DISPOSITIF D'INSPECTION NON DESTRUCTIVE ET PROCEDE PERMETTANT DE PRODUIRE UN PALIER**
[72] OOE, HIROKI, JP
[72] KAWASHIMA, KOICHIRO, JP
[72] FUJITA, FUMIO, JP
[71] NTN CORPORATION, JP
[85] 2018-04-06
[86] 2016-10-03 (PCT/JP2016/079264)
[87] (WO2017/061366)
[30] JP (2015-198399) 2015-10-06

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[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] TAKEDA, HIROSHI, JP
[72] SATO, MASASHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-06
[86] 2015-10-08 (PCT/JP2015/078663)
[87] (WO2017/061015)

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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 33/50 (2006.01) B29C 33/76 (2006.01) B29D 99/00 (2010.01) B64C 1/00 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A COMPOSITE SKIN-STIFFENER ASSEMBLY**
[54] **PROCEDE ET APPAREIL POUR FORMER UN ENSEMBLE COMPOSITE PEAU-RAIDISSEUR**
[72] CARON, RICHARD, CA
[72] RIFAY, MOUHCINE, CA
[72] SALEK, HASAN, CA
[72] HOSTE, DIDIER, CA
[72] LANGLOIS, RICHARD, CA
[71] BOMBARDIER INC., CA
[85] 2018-04-06
[86] 2016-10-18 (PCT/IB2016/056257)
[87] (WO2017/068497)
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[51] **Int.Cl. A01C 7/12 (2006.01)**
[25] EN
[54] **METER HOUSING FOR FEEDING GRANULAR OR POWDERED MATERIAL, METER SYSTEM, AGRICULTURAL IMPLEMENT COMPRISING SUCH METER SYSTEM AND METHOD FOR FEEDING GRANULAR OR POWDERED MATERIAL**
[54] **BOITIER DOSEUR POUR LE CHARGEMENT D'UN MATERIAU GRANULAIRE OU PULVERULENT, SYSTEME DE DOSAGE, MACHINE AGRICOLE COMPRENANT UN TEL SYSTEME DE DOSAGE ET PROCEDE DE CHARGEMENT DE MATERIAU GRANULAIRE OU PULVERULENT**
[72] GILSTRING, GERT, SE
[71] VADERSTAD HOLDING AB, SE
[85] 2018-04-06
[86] 2016-10-06 (PCT/SE2016/050960)
[87] (WO2017/061941)
[30] SE (1551290-8) 2015-10-08

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF INHALABLE COMPOSITE PARTICLES USING A THREE-FLUID NOZZLE**
[54] **PROCEDE DE PRODUCTION DE PARTICULES COMPOSITES INHALABLES UTILISANT UNE BUSE A TROIS FLUIDES**
[72] NEVES, FILIPE, PT
[72] MOURA, CLAUDIA, PT
[72] COSTA, EUNICE, PT
[71] HOVIONE SCIENTIA LIMITED, IE
[85] 2018-04-06
[86] 2016-10-12 (PCT/GB2016/053158)
[87] (WO2017/064481)
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[51] **Int.Cl. G06F 11/34 (2006.01) G06F 21/56 (2013.01)**
[25] EN
[54] **LOG INFORMATION GENERATION APPARATUS AND RECORDING MEDIUM, AND LOG INFORMATION EXTRACTION APPARATUS AND RECORDING MEDIUM**
[54] **DISPOSITIF ET SUPPORT D'ENREGISTREMENT DE GENERATION D'INFORMATIONS DE JOURNAL ET DISPOSITIF ET SUPPORT D'ENREGISTREMENT D'EXTRACTION D'INFORMATIONS DE JOURNAL**
[72] UEHARA, KAZUHIRO, JP
[72] ARAKI, KAORI, JP
[72] NISHIKAWA, KAZUO, JP
[71] SOLITON SYSTEMS K.K., JP
[85] 2018-04-06
[86] 2016-04-28 (PCT/JP2016/063488)
[87] (WO2017/061134)
[30] JP (2015-199588) 2015-10-07

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[51] **Int.Cl. C07D 239/49 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **PYRIMIDINE COMPOUND**
[54] **COMPOSE PYRIMIDINE**
[72] KIMURA, HIDENORI, JP
[72] BAN, HITOSHI, JP
[72] ISOBE, YOSHIAKI, JP
[72] WATANABE, HITOSHI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2018-04-06
[86] 2016-10-06 (PCT/JP2016/079756)
[87] (WO2017/061532)
[30] JP (2015-199750) 2015-10-07

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/03 (2006.01) C08K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE DEGRADATION OF PLASTIC**
[54] **COMPOSITION POUR LA DEGRADATION DE MATIERE PLASTIQUE**
[72] RENDON, MANUEL, US
[71] TIMEPLAST INTERNATIONAL, LLC., US
[85] 2018-04-06
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[51] **Int.Cl. G01N 1/24 (2006.01) G01N 1/22 (2006.01)**
[25] EN
[54] **PUMP FOR PORTABLE GAS DETECTION INSTRUMENT**
[54] **POMPE INTELLIGENTE POUR INSTRUMENT DE DETECTION DE GAZ PORTATIF**
[72] GLENDINNING, ANDY, GB
[72] BINNS, IAN, GB
[72] MATHIESON, FRASER, GB
[71] GAS MEASUREMENT INSTRUMENTS LIMITED, GB
[85] 2018-04-06
[86] 2016-10-20 (PCT/GB2016/053279)
[87] (WO2017/072489)
[30] GB (1519145.5) 2015-10-29

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[51] **Int.Cl. G07C 5/08 (2006.01) G01M 15/04 (2006.01)**
[25] EN
[54] **METHOD OF CALCULATING AVERAGE REVOLUTIONS PER INDEPENDENT UNIT**
[54] **PROCEDE DE CALCUL DE NOMBRE DE TOURS MOYEN PAR UNITE INDEPENDANTE**
[72] WINIECKI, KENNETH CARL STEFFEN, US
[71] WINIECKI, KENNETH CARL STEFFEN, US
[85] 2018-04-06
[86] 2015-06-30 (PCT/US2015/038644)
[87] (WO2016/057094)
[30] US (14/507,221) 2014-10-06
[30] EP (EP14191399.6) 2014-11-03

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[51] **Int.Cl. A61K 9/24 (2006.01) A61K 31/192 (2006.01)**
[25] EN
[54] **MODIFIED RELEASE FORMULATION OF NAPROXEN SODIUM**
[54] **FORMULATION A LIBERATION MODIFIEE DE NAPROXENE SODIQUE**
[72] SIRIHORACHAI, RACHAN, US
[72] ROSAR, PAUL, US
[71] BAYER HEALTHCARE LLC, US
[85] 2018-04-06
[86] 2015-10-09 (PCT/US2015/054873)
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[51] **Int.Cl. G01N 33/00 (2006.01) G01N 1/22 (2006.01)**
[25] EN
[54] **GAS DETECTION INSTRUMENT INLET NOZZLE ASSEMBLY**
[54] **ENSEMBLE BUSE D'ENTREE D'INSTRUMENT DE DETECTION DE GAZ**
[72] CORR, ANDY, GB
[72] MCGREGOR, GEORGE, GB
[71] GAS MEASUREMENT INSTRUMENTS LIMITED, GB
[85] 2018-04-06
[86] 2016-10-20 (PCT/GB2016/053280)
[87] (WO2017/072490)
[30] GB (1519143.0) 2015-10-29

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[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/266 (2011.01) H04N 21/462 (2011.01) H03M 7/30 (2006.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION, ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2018-04-06
[86] 2016-10-11 (PCT/JP2016/080085)
[87] (WO2017/065128)
[30] JP (2015-202464) 2015-10-13

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[51] **Int.Cl. H01Q 19/08 (2006.01) H01Q 13/24 (2006.01)**
[25] EN
[54] **ANTENNA STRUCTURE FOR EXCHANGING WIRELESS SIGNALS**
[54] **STRUCTURE D'ANTENNE POUR ECHANGE DE SIGNAUX SANS FIL**
[72] HENRY, PAUL SHALA, US
[72] BARNICKEL, DONALD J., US
[72] BARZEGAR, FARHAD, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] KAFKA, HENRY, US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
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[87] (WO2017/065906)
[30] US (14/885,379) 2015-10-16

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[51] **Int.Cl. A61F 2/01 (2006.01)**
[25] EN
[54] **CATHETER-BASED APPARATUSES AND METHODS**
[54] **APPAREILS ET PROCEDES A BASE DE CATHETER**
[72] ZANDI, ABDOLRAHIM, US
[72] FARIABI, SEPEHR, US
[72] GOSLAU, J. ERIC, US
[72] NEVRLA, DAVID S., US
[72] LEES, BRAD, US
[71] TRANSVERSE MEDICAL, INC., US
[85] 2018-04-06
[86] 2015-10-09 (PCT/US2015/054954)
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[51] **Int.Cl. H01M 8/1213 (2016.01) H01M 8/124 (2016.01) H01M 4/88 (2006.01) H01M 4/90 (2006.01)**
[25] EN
[54] **ELECTRODE-SUPPORTED TUBULAR SOLID-OXIDE ELECTROCHEMICAL CELL**
[54] **CELLULE ELECTROCHIMIQUE A OXYDE-SOLIDE TUBULAIRE AYANT UNE ELECTRODE POUR SUPPORT**
[72] ALVAREZ, FERNANDO, US
[72] SAMMES, LAUREN BEVERLY, US
[71] LOW EMISSION RESOURCES CORPORATION, US
[85] 2018-04-06
[86] 2015-11-10 (PCT/US2015/059927)
[87] (WO2017/062045)
[30] US (14/878,544) 2015-10-08

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[51] **Int.Cl. B62D 25/04 (2006.01) B62D 25/06 (2006.01) B62D 25/20 (2006.01) B60J 5/00 (2006.01) B60R 19/04 (2006.01)**
[25] EN
[54] **STRUCTURAL MEMBER AND VEHICLE**
[54] **ELEMENT STRUCTUREL ET VEHICULE**
[72] HIROSE, SATOSHI, JP
[72] ISHIMORI, YUICHI, JP
[72] FUKUCHI, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-04-06
[86] 2016-10-11 (PCT/JP2016/080113)
[87] (WO2017/061631)
[30] JP (2015-200974) 2015-10-09

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[51] **Int.Cl. H02N 2/18 (2006.01)**
[25] EN
[54] **VORTEX ENERGY HARVESTER FOR DOWNHOLE APPLICATIONS**
[54] **RECUPERATEUR D'ENERGIE A VORTEX POUR APPLICATIONS DE FOND DE TROU**
[72] JAASKELAINEN, MIKKO, US
[72] PARK, BRIAN V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-06
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[54] **SYSTEMES ET METHODES D'ETALONNAGE DE LA MESURE DE COMPOSANTS INDIVIDUELS**
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **STIFFNESS TUNING AND DYNAMIC FORCE BALANCING ROTORS OF DOWNHOLE DRILLING MOTORS**
[54] **ROTORS D'EQUILIBRAGE DE FORCE DYNAMIQUE ET DE REGLAGE DE RIGIDITE DE MOTEURS DE FORAGE DE FOND DE TROU**
[72] GAWSKI, VICTOR, GB
[72] SNYDER, JOHN K., US
[72] STRACHAN, MICHAEL JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DOWNHOLE VALVE**
[54] **VANNE DE FOND DE TROU**
[72] MOYES, PETER, GB
[71] WELLENG SCIENCE AND TECHNOLOGY LTD, GB
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[54] **SYSTEMS, METHODS, AND DEVICES FOR AN ENTERPRISE INTERNET-OF-THINGS APPLICATION DEVELOPMENT PLATFORM**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DESTINES A UNE PLATEFORME D'APPLICATIONS D'INTERNET DES OBJETS (IOT) EN ENTREPRISE**
[72] SIEBEL, THOMAS M., US
[72] ABBO, EDWARD Y., US
[72] BEHZADI, HOUMAN, US
[72] COKER, JOHN, US
[72] KURINSKAS, SCOTT, US
[72] ROTHWEIN, THOMAS, US
[72] TCHANKOTADZE, DAVID, US
[71] C3 IOT, INC., US
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[54] **CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ET LEURS PROCEDES D'UTILISATION**
[72] ORENTAS, RIMAS, US
[72] SCHNEIDER, DINA, US
[72] DROPULIC, BORO, US
[71] MILTENYI BIOTEC TECHNOLOGY, INC., US
[85] 2018-04-06
[86] 2016-10-07 (PCT/US2016/056073)
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[25] EN
[54] **SELECTIVE STIMULATION PORTS, WELLBORE TUBULARS THAT INCLUDE SELECTIVE STIMULATION PORTS, AND METHODS OF OPERATING THE SAME**
[54] **ORIFICES DE SIMULATION SELECTIVE, TUBES DE PUITS DE FORAGE QUI COMPRENNENT DES ORIFICES DE SIMULATION SELECTIVE ET LEURS PROCEDES DE FONCTIONNEMENT**
[72] TOLMAN, RANDY C., US
[72] SPIECKER, P. MATTHEW, US
[72] LONNES, STEVE, US
[72] HALL, TIMOTHY J., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **SYSTEME D'INTERCONNEXION DE STATOR SEGMENTE DE MOTEUR SANS BALAI**
[72] NOZZI, ANTHONY, US
[72] DAWSON, SCOTT, US
[71] KOLLMORGEN CORPORATION, US
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[54] **COMBINATION ANTIBACTERIAL COMPOSITION AND SHORT-COURSE ANTIBACTERIAL REGIMEN**
[54] **COMPOSITION D'UN MELANGE D'AGENTS ANTIBACTERIENS ET SCHEMA DE TRAITEMENT ANTIBACTERIEN DE COURTE DUREE**
[72] MDLULI, KHISIMUZI, JR., US
[72] MENDEL, CARI M., US
[72] NUERMBERGER, ERIC, US
[71] THE GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, INC., US
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[54] **WOUND RETRACTOR WITH MULTI-SEGMENT OUTER RING**
[54] **ECARTEUR DE PLAIE A BAGUE EXTERIEURE A SEGMENTS MULTIPLES**
[72] ALBRECHT, JEREMY J., US
[72] BECERRA, MATTHEW M., US
[72] NGUYEN, ERIC, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[25] EN
[54] **DNA VECTORS, TRANSPOSONS AND TRANSPOSASES FOR EUKARYOTIC GENOME MODIFICATION**
[54] **VECTEURS D'ADN, TRANSPOSONS ET TRANSPOSASES POUR LA MODIFICATION DU GENOME EUCARYOTE**
[72] MINSHULL, JEREMY, US
[72] WELCH, MARK, US
[72] GOVINDRAJAN, SRIDHAR, US
[72] LEE, MAGGIE, US
[72] CAVES, KATE, US
[72] NESS, JON, US
[71] DNA2.0, INC., US
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[54] **BATTERY SYSTEM**
[54] **SYSTEME DE BATTERIE**
[72] CLARK, BRETT MICHAEL, US
[72] EDWARDS, JAMES WILLIAM, US
[72] SAMUELSON, DEVIN GLENN, US
[71] ELECTRIJET FLIGHT SYSTEMS INC, US
[85] 2018-04-06
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[54] **MULTIPLEXED GENOME EDITING**
[54] **EDITION MULTIPLEXEE DE GENOME**
[72] CHURCH, GEORGE M., US
[72] YANG, LUHAN, US
[72] GUELL, MARC, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ACOUSTIC ORTHOPEDIC TRACKING SYSTEM AND METHODS**
[54] **SYSTEME ACOUSTIQUE DE SUIVI ORTHOPEDIQUE ET METHODES ASSOCIEES**
[72] KRUSE, DUSTIN, US
[72] FREIBURG, EVAN, US
[72] HAYES, JAMES J., US
[71] DECISION SCIENCES MEDICAL COMPANY, LLC, US
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[54] **NEURAL PRECURSOR CELL POPULATIONS AND USES THEREOF**
[54] **POPULATIONS DE CELLULES PRECURSEURS NEURALES ET LEURS UTILISATIONS**
[72] NICHOLAS, CORY, US
[72] FUENTEALBA, LUIS, US
[72] TONG, CHEUK KA, US
[72] BERSHTEYN, MARINA, US
[72] KRIKS, SONJA, US
[72] CHAMBERS, STUART, US
[71] NEURONA THERAPEUTICS INC., US
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[54] **METHOD AND APPARATUS FOR DETECTING AND CLASSIFYING SEIZURE ACTIVITY**
[54] **PROCEDE ET APPAREIL DE DETECTION ET DE CLASSIFICATION D'UNE ACTIVITE EPILEPTIQUE**
[72] WHITMIRE, LUKE E., US
[72] GIROUARD, MICHAEL R., US
[72] CAVAZOS, JOSE E., US
[71] BRAIN SENTINEL, INC., US
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[54] **INDIRECT LIGHT COVE**
[54] **CORNICHE DE LUMIERE INDIRECTE**
[72] SAREYKA, BRETT W., US
[72] NEAL, JOSHUA L., US
[71] WORTHINGTON ARMSTRONG VENTURE, US
[85] 2018-04-06
[86] 2016-10-10 (PCT/US2016/056254)
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[54] **FILTER DEVICES METHODS AND SYSTEM**
[54] **PROCEDES ET SYSTEME DE DISPOSITIFS FILTRANTS**
[72] PARVIN, FUOAD A., US
[72] OLSON, BERNARD A., US
[72] LIVCHAK, ANDREY V., US
[71] OY HALTON GROUP LTD., FI
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[54] **EXHAUST COLLECTION BAG FOR CRYOGENIC TREATMENT**
[54] **SAC DE COLLECTE D'EFFLUENTS POUR TRAITEMENT CRYOGENIQUE**
[72] SYLLIAASEN, SCOTT, US
[72] COTE, RIC, US
[72] MALECKI, WILLIAM, US
[71] CHANNEL MEDSYSTEMS, INC., US
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[54] **METHODS OF TREATING INJURIES OR CONDITIONS RELATED TO CNS EDEMA**
[54] **PROCEDES DE TRAITEMENT DE LESIONS OU DE PATHOLOGIES LIEES A UN □DEME DU SNC**
[72] JACOBSON, SVEN MARTIN, US
[71] BIOGEN CHESAPEAKE LLC, US
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[54] **METHOD TO RESOLVE EMULSIONS FORMED DURING ETHYLENE MANUFACTURE**
[54] **PROCEDE DE DISSOLUTION D'EMULSIONS FORMEES PENDANT LA FABRICATION D'ETHYLENE**
[72] CUOQ, FABRICE, NL
[72] LEEN, STEVEN, BE
[72] VACHON, JEROME, NL
[72] VAN ZIJL, ANTHONI, NL
[72] ROBSON, IAN, GB
[72] VAN LIER, ROY, NL
[72] ARNST, THEODORE, US
[71] ECOLAB USA INC., US
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
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[54] **RISK AND COMPLIANCE ANALYTIC SYSTEM**
[54] **SYSTEME D'ANALYSE DE RISQUE ET DE CONFORMITE**
[72] SYED, NAYEEM, GB
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-04-06
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[54] **WILDLIFE DETERRENCE USING MONO-COLORED LIGHT TO INDUCE NEUROPHYSICAL BEHAVIORAL RESPONSES IN ANIMALS AND NON-LETHAL WILDLIFE DETERRENCE AIRCRAFT LIGHTING APPARATUS**
[54] **DISSUASION DE LA FAUNE SAUVAGE EN UTILISANT UNE LUMIERE MONOCOLORE POUR INDUIRE DES REPONSES COMPORTEMENTALES NEUROPHYSIQUES CHEZ DES ANIMAUX ET APPAREIL D'ECLAIRAGE D'AERONEF DE DISSUASION DE LA FAUNE SAUVAGE NON LETAL**
[72] RONNING, DONALD, US
[71] LITE ENTERPRISES INC., US
[85] 2018-04-06
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[54] **SYSTEMES ET PROCEDES DE RECHERCHE MULTIDIMENSIONNELLE ASSISTEE PAR ORDINATEUR**
[72] LAVIN, MARY ANN, US
[72] KEATING, BRENDAN MICHAEL, US
[72] O'DONNELL, STEPHANIE KLIEN, US
[72] FLANAGIN, CORY, US
[71] TIIKO, L.L.C., US
[85] 2018-04-06
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[25] EN
[54] **INTEGRATED PERIMETER POCKET**
[54] **LOGEMENT DE PERIMETRE INTEGRE**
[72] NEAL, JOSHUA L., US
[71] WORTHINGTON ARMSTRONG VENTURE, US
[85] 2018-04-06
[86] 2016-10-10 (PCT/US2016/056237)
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[25] EN
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[54] **PARTICULES RETICULEES**
[72] LE DEVEDEC, FRANTZ, US
[72] ALLEN, CHRISTINE JANE, US
[72] STEVENS, DAVID MICHAEL, US
[72] RAGER-AGUIAR, DEAN JAMES, US
[72] RUCKH, TIMOTHY TORDELLA, US
[72] ELMQUIST, CARL ERIC, US
[71] LE DEVEDEC, FRANTZ, US
[71] ALLEN, CHRISTINE JANE, US
[71] STEVENS, DAVID MICHAEL, US
[71] RAGER-AGUIAR, DEAN JAMES, US
[71] RUCKH, TIMOTHY TORDELLA, US
[71] ELMQUIST, CARL ERIC, US
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[25] EN
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[54] **ACIDE (S)-3-AMINO-4-(DIFLUOROMETHYLENYL)CYCLOPENT-1-ENE-1-CARBOXYLIQUE ET COMPOSES APPARENTES UTILISES COMME INACTIVATEURS DE LA GABA AMINOTRANSFERASE POUR LE TRAITEMENT DE L'EPILEPSIE, D'UNE DEPENDANCE ET DU CARCINOME HEPATOCELLULAIRE**
[72] SILVERMAN, RICHARD B., US
[72] TAKAYA, KENJI, JP
[72] LE, HOANG V, US
[72] JUNCOSA, JOSE I., US
[71] NORTHWESTERN UNIVERSITY, US
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[54] **MULTI-PURPOSE CONTAINER SYSTEM**
[54] **SYSTEME DE CONTENANT A USAGES MULTIPLES**
[72] BOHAGER, DANIEL J., US
[71] BOHAGER, DANIEL J., US
[85] 2018-04-06
[86] 2016-10-13 (PCT/US2016/056799)
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[25] EN
[54] **SELF-PROPELLING SYSTEM**
[54] **SYSTEME D'AUTOPROPULSION**
[72] KAUL, ANOUP, US
[71] HYPERBOLIC ENGINES INCORPORATED, US
[85] 2018-04-06
[86] 2016-10-07 (PCT/US2016/056146)
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[30] US (62/284,762) 2015-10-08
[30] US (62/389,340) 2016-02-22

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[25] EN
[54] **METAL-TO-METAL SEALING FOR DIFFUSERS OF AN ELECTRICAL SUBMERSIBLE WELL PUMP**
[54] **SCELLEMENT METAL-METAL POUR DIFFUSEURS D'UNE POMPE DE PUITS SUBMERSIBLE ELECTRIQUE**
[72] JOHNSON, NICHOLAS, US
[72] SEMPLE, RYAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-04-06
[86] 2016-10-11 (PCT/US2016/056468)
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[30] US (62/240,067) 2015-10-12
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[25] EN
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[54] **POCHE MOULEE PENDANT LA FABRICATION D'UNE CARTE DE TRANSACTION**
[72] CEPRESS, CARL ALEXANDER, US
[72] CHING YEE ONG, ELWIN, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-04-06
[86] 2016-10-13 (PCT/US2016/056870)
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[30] US (62/241,636) 2015-10-14

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[54] **GESTION D'ANALYSE DE DONNEES DE CAPTEUR ET D'ALARME**
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[72] MICHAELSAMY, BRITTO, US
[72] MUNIYAN, KALAISELVAN, US
[72] SAYERS, DAVID T., US
[72] DUNCAN, AUER DON, US
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[54] **FORMULATION PHARMACEUTIQUE**
[72] CAVATUR, RAGHU, US
[72] CHEN, KEVIN, US
[72] KASER, MATTHEW, US
[72] QIU, HONGCHUN, US
[72] WOODHOUSE, ERNEST, JOSEPH, GB
[72] BOROVICKA, JOSEF, GB
[72] WILKINSON, ELLIOT, GB
[71] RECKITT BENCKISER LLC, US
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[54] **BANDE INTRA-ANNULAIRE TRANSVALVULAIRE POUR REPARATION DE VALVULE MITRALE**
[72] HULME, GARY, US
[72] REO, MICHAEL L., US
[72] AFZAL, THOMAS, US
[72] SUBRAMANIAN, VALAVANUR A., US
[72] CHRISTIAN, JEFFREY, US
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[54] **PREFORMES TISSEES 3D AVEC CANAUX**
[72] GILBERTSON, BROCK, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **METHODS OF PRODUCING IN VITRO LIVER CONSTRUCTS AND USES THEREOF**
[54] **PROCEDES DE PRODUCTION DE CONSTRUCTIONS DE FOIE IN VITRO ET UTILISATIONS ASSOCIEES**
[72] ATALA, ANTHONY, US
[72] BISHOP, COLIN, US
[72] MEAD, IVY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **ORGANOIDES MULTICOUCHES DES VOIES RESPIRATOIRES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MURPHY, SEAN V., US
[72] ATALA, ANTHONY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **OPTICAL FIBERS AND CABLES FOR HIGH TEMPERATURE APPLICATIONS**
[54] **FIBRES ET CABLES OPTIQUES POUR APPLICATIONS HAUTE TEMPERATURE**
[72] MIYAMOTO, MATSUHIRO, US
[72] JACOBSEN, WILLIAM PAUL, US
[72] D'URSO, JOHN J., US
[72] BOLTE, DAVID A., US
[71] AFL TELECOMMUNICATIONS LLC, US
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[54] **APPARATUS AND METHODS FOR GENERATING ELECTROMAGNETIC WAVES ON A TRANSMISSION MEDIUM**
[54] **APPAREIL ET PROCEDES DE GENERATION D'ONDES ELECTROMAGNETIQUES SUR UN SUPPORT DE TRANSMISSION**
[72] HENRY, PAUL SHALA, US
[72] WILLIS, THOMAS M., III, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
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[54] **STABLE PROTEIN COMPOSITIONS**
[54] **COMPOSITIONS PROTEINIQUES STABLES**
[72] CHEN, HUNTER, US
[72] SCHLESINGER, ERICA, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **TETE ORIENTABLE ET SYSTEME DE LUBRIFICATION**
[72] WALKER, CHRISTOPHER BRIAN, US
[72] DO, HENRY, US
[72] PAPP, ROBERT IOAN, US
[72] PUSCAS, MIHAIL, US
[72] BLANKENSHIP, CALVIN RONALD, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **SCRIM ATTACHMENT SYSTEM**
[54] **SYSTEME DE FIXATION DE TOILE**
[72] WIKER, ANTHONY L., US
[72] OLESKE, PETER J., US
[72] LU, LIDA, US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[54] **METHODES ET COMPOSITIONS LIEES A CRISPR/CAS POUR LE TRAITEMENT DU VIRUS DE L'HEPATITE B**
[72] FRIEDLAND, ARI E., US
[72] ODONNELL, PENROSE, US
[71] EDITAS MEDICINE, INC., US
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[54] **PROCEDE D'EXTRACTION DE FLUIDE POUR PRODUITS ORGANIQUES NATURELS**
[72] DSYLVA, NASH, US
[71] DSYLVA, NASH, US
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[25] EN
[54] **METHODS AND APPARATUS FOR CONVERTING OXYGENATE-CONTAINING FEEDSTOCKS TO GASOLINE AND DISTILLATES**
[54] **PROCEDES ET APPAREIL DE CONVERSION EN ESSENCE ET DISTILLATS DE CHARGES D'ALIMENTATION CONTENANT DES COMPOSES OXYGENES**
[72] ILIAS, SAMIA, US
[72] LOVELESS, BRETT T., US
[72] MCCARTHY, STEPHEN J., US
[72] O'NEILL, BRANDON, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **ANTICORPS ANTI-HTR A1 ET METHODES D'UTILISATION DE CEUX-CI**
[72] KELLEY, ROBERT F., US
[72] KIRCHHOFER, DANIEL K., US
[72] LAI, JOYCE, US
[72] LEE, CHINGWEI V., US
[72] LIANG, WEI-CHING, US
[72] LIPARI, MICHAEL T., US
[72] LOYET, KELLY M., US
[72] SAI, TAO, US
[72] VAN LOOKEREN CAMPAGNE, MENNO, US
[72] WU, YAN, US
[72] FUH, GERMAINE, US
[71] GENENTECH, INC., US
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[54] **METHODS AND APPARATUS FOR EARLY DETECTION OF HIGH EFFICIENCY WIRELESS PACKETS IN WIRELESS COMMUNICATION**
[54] **PROCEDES ET APPAREIL DE DETECTION PRECOCE DE PAQUETS SANS FIL A HAUTE EFFICACITE DANS UNE COMMUNICATION SANS FIL**
[72] YANG, LIN, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
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[54] **MANAGING TECHNICAL PROCESS DATA**
[54] **GESTION DE DONNEES DE PROCESSUS TECHNIQUE**
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[71] ALECSON FELD AUSTRALIA PTY LTD, AU
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[54] **VIBRATING FITNESS BALL**
[54] **BALLON D'EXERCICE VIBRANT**
[72] MARTON, ROBERT, US
[72] KATZ, ANTHONY, US
[71] HYPER ICE, INC., US
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[54] **PROCEDE DE PRODUCTION DE GLYCOLS A PARTIR D'UNE CHARGE D'ALIMENTATION D'HYDRATES DE CARBONE**
[72] MUTHUSAMY, DURAISAMY, US
[72] HUIZENGA, PIETER, NL
[72] NGUYEN, VIET QUOC, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **PROCEDE DE PRODUCTION DE GLYCOLS**
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[72] NGUYEN, VIET QUOC, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **PROCESS FOR MAKING A SYNTHESIS GAS BY REFORMING OF A HYDROCARBON AND INCLUDING RECOVERY OF CARBON DIOXIDE AT HIGH TEMPERATURE**
[54] **PROCEDE DE FABRICATION D'UN GAZ DE SYNTHESE PAR REFORMAGE D'UN HYDROCARBURE ET COMPRENANT LA RECUPERATION DE DIOXYDE DE CARBONE A HAUTE TEMPERATURE**
[72] OSTUNI, RAFFAELE, CH
[72] FRANCESCHIN, GIADA, IT
[71] CASALE SA, CH
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[54] **METHOD, SYSTEM AND APPARATUS FOR ENABLING VEHICULAR COMMUNICATIONS**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR PERMETTRE DES COMMUNICATIONS VEHICULAIRES**
[72] ZHUANG, WEIHUA, CA
[72] SHEN, XUEMIN, CA
[72] OMAR, HASSAN ABOUBAKR, CA
[72] LU, NING, CA
[72] BHARATI, SAILESH, CA
[71] ZHUANG, WEIHUA, CA
[71] SHEN, XUEMIN, CA
[71] OMAR, HASSAN ABOUBAKR, CA
[71] LU, NING, CA
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[54] **METHOD FOR DETERMINING AN USAGE INDEX VALUE FOR AN SINGLE-VISION OPHTHALMIC LENS**
[54] **PROCEDE DE DETERMINATION D'UNE VALEUR D'INDICE D'UTILISATION POUR UN VERRE OPHTALMIQUE A SIMPLE FOYER**
[72] ROOS, ALEXANDRA, SG
[72] HUBERT, JULIEN, FR
[72] DERBOIS, CATHERINE, FR
[72] BOIFFIER, MAXIME, FR
[72] CARREGA, AUDE, FR
[71] ESSILOR INTERNATIONAL, FR
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[54] **CABLE ELECTROCHIRURGICAL A FAIBLE CHAMP ELECTROMAGNETIQUE**
[72] CANADY, JEROME, US
[72] SHASHURIN, ALEXEY, US
[72] KEIDAR, MICHAEL, US
[72] ZHUANG, TAISEN, US
[71] U.S. PATENT INNOVATIONS LLC, US
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[25] EN
[54] **FEED ADDITIVES FOR AQUATIC ANIMALS COMPRISING ESSENTIAL OILS AND LYSOZYME**
[54] **ADDITIFS ALIMENTAIRES POUR ANIMAUX AQUATIQUES COMPRENANT DES HUILES ESSENTIELLES ET UN LYSOZYME**
[72] VERLHAC, VIVIANE, CH
[71] DSM IP ASSETS B.V., NL
[71] NOVOZYMES A/S, DK
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[25] EN
[54] **OIL-, WAX- OR FAT-BASED CORROSION PROTECTION AGENT FOR A METAL STRUCTURE, IN PARTICULAR FOR PRESTRESSING STEEL**
[54] **AGENT ANTICORROSION A BASE D'HUILE, DE CIRE OU DE GRAISSE POUR UNE STRUCTURE METALLIQUE, EN PARTICULIER POUR DE L'ACIER D'ARMATURE**
[72] FRUHAUF, MARTIN, AT
[71] WERTEC GMBH, AT
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[86] 2016-10-12 (PCT/EP2016/074411)
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[54] **RECEPTEURS DE LYMPHOCYTES T VPH A HAUTE AVIDITE**
[72] BLANKENSTEIN, THOMAS, DE
[72] WILLIMSKY, GERALD, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
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[30] EP (15190230.1) 2015-10-16

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[25] EN
[54] **WIND-TURBINE ROTOR BLADE AND METHOD FOR PRODUCING A WIND-TURBINE ROTOR BLADE**
[54] **PALE DE ROTOR D'EOLIENNE ET PROCEDE DE FABRICATION DE PALE DE ROTOR D'EOLIENNE**
[72] HOFFMANN, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[30] DE (10 2015 117 437.5) 2015-10-14

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[25] EN
[54] **NEW COMPOUNDS INHIBITORS OF THE YAP/TAZ-TEAD INTERACTION AND THEIR USE IN THE TREATMENT OF MALIGNANT MESOTHELIOMA**
[54] **NOUVEAUX COMPOSES INHIBITEURS DE L'INTERACTION YAP/TAZ-TEAD ET LEUR UTILISATION DANS LE TRAITEMENT DU MESOTHELIOME MALIN**
[72] BARTH, MARTINE, FR
[72] CONTAL, SYLVIE, FR
[72] MONTALBETTI, CHRISTIAN, FR
[72] SPITZER, LUC, FR
[71] INVENTIVA, FR
[85] 2018-04-09
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[54] **PARTIAL RADIATION HEATING METHOD FOR PRODUCING PRESS HARDENED PARTS AND ARRANGEMENT FOR SUCH PRODUCTION**
[54] **PROCEDE DE CHAUFFAGE PAR RAYONNEMENT PARTIEL POUR LA FABRICATION DE PIECES DURCIES SOUS PRESSE ET AGENCEMENT DE FABRICATION CORRESPONDANT**
[72] KOROSCHETZ, CHRISTIAN, SE
[72] SKRIKERUD, MARTIN, CH
[72] ERIKSSON, KENT, SE
[71] AUTOMATION, PRESS AND TOOLING, AP & T AB, SE
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[54] **MULTIFUNCTIONAL AIRBAG TRIGGERING SYSTEM**
[54] **SYSTEME DE DECLENCHEMENT DE COUSSIN DE SECURITE GONFLABLE MULTIFONCTIONNEL**
[72] NEWLANDS, PAULO ROBERTO JANNOTTI, BR
[71] NEWLANDS, PAULO ROBERTO JANNOTTI, BR
[85] 2018-04-09
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[25] EN
[54] **POLYMER MEMBRANES HAVING OPEN THROUGH HOLES, AND METHOD OF FABRICATION THEREOF**
[54] **MEMBRANES POLYMERES COMPRENANT DES TROUS TRAVERSANTS OUVERTS ET PROCEDE DE FABRICATION ASSOCIE**
[72] LI, KEBIN, CA
[72] VERES, TEODOR, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2018-04-09
[86] 2016-10-06 (PCT/CA2016/051163)
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[51] **Int.Cl. B65G 19/02 (2006.01) B65G 47/61 (2006.01)**
[25] EN
[54] **TRANSPORT BAG AND METHOD FOR FILLING AND EMPTYING A TRANSPORT BAG OF THIS TYPE**
[54] **SAC DE TRANSPORT ET PROCEDE DE REMPLISSAGE ET DE VIDAGE D'UN TEL SAC DE TRANSPORT**
[72] KELLER, MARTIN, CH
[72] KALIN, ERICH, CH
[71] FERAG AG, CH
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[54] **WIFI VERTICAL FAN COIL SYSTEM**
[54] **SYSTEME DE BOBINE DE VENTILATEUR VERTICAL WIFI**
[72] KEOGH, GERALD PETER, CA
[71] INVICON INC., CA
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[54] **GOLF CLUB HEADS WITH OPTIMIZED CHARACTERISTICS AND RELATED METHODS**
[54] **TETES DE BATON DE GOLF A CARACTERISTIQUES OPTIMISEES ET METHODES ASSOCIEES**
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[72] STOKKE, RYAN M., US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[54] **MICROORGANISMS FOR THE PRODUCTION OF ADIPIC ACID AND OTHER COMPOUNDS**
[54] **MICROORGANISMES POUR LA PRODUCTION D'ACIDE ADIPIQUE ET AUTRES COMPOSES**
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[72] PHARKYA, PRITI, US
[72] OSTERHOUT, ROBIN E., US
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[54] **IMPROVED YIELD AND STRESS TOLERANCE IN TRANSGENIC PLANTS WITH OVEREXPRESSING POLYPEPTIDES COMPRISING A B-BOX ZINC-FINGER DOMAIN**
[54] **RENDEMENT ET TOLERANCE AU STRESS AMELIORES DANS LES PLANTS TRANSGENIQUES AU MOYEN DE POLYPEPTIDES EN SUREXPRESSION RENFERMANT UN DOMAINE A DOIGT DE ZINC A REGISTRE D'INDEX**
[72] CREELMAN, ROBERT, US
[72] GUTTERSON, NEAL I., US
[72] RATCLIFFE, OLIVER J., US
[72] REUBER, T. LYNNE, US
[72] CERNY, R. ERIC, US
[72] DUFF, KIMBERLEY FAYE ZOBRIST, US
[72] KJEMTRUP-LOVELACE, SUSANNE, US
[72] MEISTER, ROBERT, US
[72] PETRACEK, MARIE, US
[72] RUFF, THOMAS, US
[72] XU, QINGZHANG, US
[71] MENDEL BIOTECHNOLOGY, INC., US
[71] MONSANTO COMPANY, US
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[54] **PROCESSES FOR PREPARING LITHIUM CARBONATE**
[54] **PROCEDES DE PREPARATION DE CARBONATE DE LITHIUM**
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] MAGNAN, JEAN-FRANCOIS, CA
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[54] **CHIMIE DES EMULSIONS ET DOSAGES POUR GOUTTELETTES ENCAPSULEES**
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[72] HINDSON, BENJAMIN J., US
[71] BIO-RAD LABORATORIES, INC., US
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[54] **COATINGS CONTAINING MULTIPLE DRUGS**
[54] **REVETEMENTS CONTENANT PLUSIEURS MEDICAMENTS**
[72] DEYOUNG, JAMES, US
[72] TAYLOR, DOUG, US
[72] MCCLAIN, JAMES (JIM) B., US
[72] SMOKE, CLINT, US
[72] COLE, MIKE, US
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[54] **CENTER-FILLED CONFECTIONS AND METHOD OF MAKING SAME**
[54] **CONFISERIES A GARNITURE CENTRALE ET LEUR PROCEDE DE FABRICATION**
[72] CHAN, LOK YAN AMBROSE, US
[72] CHIN, SHEAUMENG, US
[72] BORDERA, LUIS, US
[72] ABAD, DENNIS, US
[72] LAU, WENDY, US
[71] WM. WRIGLEY JR. COMPANY, US
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[54] **PRIMERS, PROBES AND METHODS FOR NUCLEIC ACID AMPLIFICATION**
[54] **AMORCES, SONDES ET PROCEDES D'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] WANGH, LAWRENCE J., US
[72] RICE, JOHN, US
[72] SANCHEZ, J. AQUILES, US
[72] PIERCE, KENNETH, US
[72] SALK, JESSE, US
[72] REIS, ARTHUR, US
[72] HARTSHORN, CRISTINA, US
[71] BRANDEIS UNIVERSITY, US
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[54] **IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGES ET PROCEDE DE TRAITEMENT D'IMAGES**
[72] SATO, KAZUSHI, JP
[71] VELOS MEDIA INTERNATIONAL LIMITED, IE
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[25] EN
[54] **METHOD FOR MANUFACTURING A FERMENTATION PRODUCT CONTAINING PROPIONATE AND ACETATE COMPRISING A STEP OF REMOVING CARBONATE-DERIVED COMPOUNDS**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE FERMENTATION CONTENANT DU PROPION ATE ET DE L'ACETATE COMPRENANT UNEETAPE D'ELIMINATION DE COMPOSES DERIV ES DE**
[72] VISSER, DIANA, NL
[72] SLIEKERS, ARNE OLAV, NL
[72] KON, ADRIAAN DIRK, NL
[71] PURAC BIOCHEM BV, NL
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[25] EN
[54] **METHOD FOR MANUFACTURING A FERMENTATION PRODUCT CONTAINING PROPIONATE AND ACETATE COMPRISING A STEP OF REMOVING CARBONATE-DERIVED COMPOUNDS**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE FERMENTATION CONTENANT DU PROPIONATE ET DE L'ACETATE COMPRENANT UNE ETAPE D'ELIMINATION DE COMPOSES DERIVES DE CARBONATE**
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[72] SLIEKERS, ARNE OLAV, NL
[72] KON, ADRIAAN DIRK, NL
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[54] **SEQUENCES FOR DETECTION AND IDENTIFICATION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS**
[54] **SEQUENCES DE DETECTION ET D'IDENTIFICATION DE SOUCHES DE STAPHYLOCOCCUS AUREUS MREJ DE TYPE V RESISTANT A LA METHICILLINE**
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[71] GENEOHM SCIENCES CANADA INC., CA
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[54] **NUCLEIC ACID ENCODING N-METHYLPUTRESCINE OXIDASE AND USES THEREOF**
[54] **ACIDE NUCLEIQUE CODANT LA N-METHYLPUTRESCINE OXYDASE ET SES UTILISATIONS**
[72] PAGE, JONATHAN E., CA
[72] LIU, ENWU, CA
[71] 22ND CENTURY LIMITED, LLC, US
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[54] **GENERATION D'ANTICORPS MONOCLONAUX ENTIERS**
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[71] BIOATLA, LLC, US
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[54] **COMPOSITIONS COMPRISING ANTIBODIES TO LINGO OR FRAGMENTS THEREOF**
[54] **COMPOSITIONS RENFERMANT DES ANTICORPS AU LINGO OU DES FRAGMENTS ASSOCIES**
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[72] PEPINSKY, R. BLAKE, US
[72] GRAFF, CHRISTILYN, US
[71] BIOGEN MA INC., US
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[54] **GICLEUR DE PROTECTION INCENDIE DE MUR LATERAL HORIZONTAL CACHE**
[72] POLAN, GEORGE S., US
[72] PAHILA, OLIVER S., US
[72] MULTER, THOMAS L., US
[71] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US
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[54] **SUPERSTRUCTURE DEVICE**
[54] **DISPOSITIF DE SUPERSTRUCTURE**
[72] CHRIST, THOMAS, DE
[72] BERGK, THOMAS, DE
[72] HELLBACH, JURGEN, DE
[72] KOPILOVITSCH, HARALD, AT
[71] VOESTALPINE BWG GMBH, DE
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[54] **ASTRAGALE ET JOINT ASSOCIE**
[72] JASKIEWICZ, TOMASZ, US
[71] ENDURA PRODUCTS, INC., US
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[72] WONG, KIAN-MING, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **TERMINAISON DE BORDURE DE TOIT AVEC ENVELOPPE DE DOS A L'EPREUVE DU VENT ET HYDRORESISTANTE**
[72] KELLY, THOMAS L., US
[71] KELLY, THOMAS L., US
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[54] **APPARATUS OF DECODING VIDEO DATA**
[54] **APPAREIL DE DECODAGE DE DONNEES VIDEO**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[71] INFOBRIDGE PTE. LTD., SG
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[54] **PESTICIDAL COMBINATIONS**
[54] **COMBINAISONS PESTICIDES**
[72] SCHADE, MICHAEL, CH
[72] GRIMM, CHRISTOPH, CH
[72] FAERBER, MARTIN, CH
[72] HOFER, DIETER, CH
[72] MULLER, KASPAR, CH
[72] CAMPBELL, SCOTT, US
[71] DOW AGROSCIENCES LLC, US
[22] 2009-10-28
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[62] 2,742,665
[30] GB (0820343.2) 2008-11-06
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[25] EN
[54] **IMPROVED COOLANT AND POTABLE WATER HEATER**
[54] **RECHAUFFEUR DE LIQUIDE DE REFROIDISSEMENT ET CHAUFFE-EAU POTABLE COMBINES AMELIORES**
[72] VAN RUIJVAN, EDWARD, CA
[71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA
[22] 2008-11-13
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[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **AGGRE-DRY RETRO-FIT SYSTEM**
[54] **SYSTEME DE READAPTATION D'INSTALLATION DE DESHYDRATATION D'AGGREGAT**
[72] SQUIRES, FRANK, US
[72] BROWN, JEREMY, US
[72] AFRANK, CHRIS, US
[71] SUPERIOR INDUSTRIES, INC., US
[22] 2016-02-18
[41] 2016-08-26
[62] 2,921,329
[30] US (14/632,747) 2015-02-26

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[25] EN
[54] **LIGHT AND ULTRASONIC TRANSDUCER DEVICE**
[54] **TRANSDUCTEUR ULTRASONORE ET CONVERTISSEUR DE LUMIERE**
[72] HALL, MICHAEL R., US
[72] CASTEL, JOHN C., US
[72] CASTEL, DAWN, US
[71] CAREWEAR CORP., US
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[41] 2014-09-18
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[51] **Int.Cl. B61D 7/00 (2006.01) B61D 17/16 (2006.01) B61D 39/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR POWERED RAILCAR DOORS**
[54] **SYSTEME ET PROCEDE POUR PORTES DE VEHICULES DE CHEMIN DE FER MOTORISEES**
[72] CREIGHTON, GEORGE S., US
[72] MCKISIC, AUBRA D., US
[71] TRINITY INDUSTRIES, INC., US
[22] 2011-11-15
[41] 2012-05-24
[62] 2,817,540
[30] US (12/948,583) 2010-11-17

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[51] **Int.Cl. H04W 72/00 (2009.01)**
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[54] **METHOD FOR SCHEDULING DISTRIBUTED VIRTUAL RESOURCE BLOCKS**
[54] **PROCEDE DE PROGRAMMATION DE BLOCS DE RESSOURCES VIRTUELLES DISTRIBUES**
[72] SEO, DONG YOUN, KR
[72] KIM, EUN SUN, KR
[72] KIM, BONG HOE, KR
[72] AHN, JOON KUI, KR
[71] OPTIS CELLULAR TECHNOLOGY, LLC, US
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[62] 2,711,298
[30] US (61/019,589) 2008-01-07
[30] US (61/024,886) 2008-01-30
[30] US (61/026,113) 2008-02-04
[30] US (61/028,186) 2008-02-12
[30] US (61/028,511) 2008-02-13
[30] US (61/033,358) 2008-03-03
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[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CREATING AND USING AN ADAPTIVE THESAURUS**
[54] **PROCEDES ET SYSTEMES DE CREATION ET D'UTILISATION D'UN THESAURUS ADAPTATIF**
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[72] CHEN, SHIAN-JUNG, US
[72] EDALA, NARASIMHA, US
[72] SILVER, HARRY, US
[71] LEXISNEXIS, US
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[25] EN
[54] **HYBRID SENSOR-ENABLED ELECTRIC WHEEL AND ASSOCIATED SYSTEMS, MULTI-HUB WHEEL SPOKING SYSTEMS, AND METHODS OF MANUFACTURING AND INSTALLING WHEEL SPOKES**
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[72] BIDERMAN, ASSAF, US
[72] OUTRAM, CHRISTINE LOUISE, US
[72] RATTI, CARLO, IT
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 2010-12-04
[41] 2011-06-09
[62] 2,782,715
[30] US (61/266,862) 2009-12-04
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[54] **MAINTAINING CONTEXT INFORMATION BETWEEN USER INTERACTIONS WITH A VOICE ASSISTANT**
[54] **MAINTIEN DE L'INFORMATION DE CONTEXTE ENTRE DES INTERACTIONS UTILISATEURS AVEC UN ASSISTANT VOCAL**
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[72] GUZZONI, DIDIER RENE, CH
[72] GRUBER, THOMAS ROBERT, US
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] KITTLAUS, DAG, US
[71] APPLE INC., US
[22] 2011-01-11
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[54] **ELECTRONIC DOOR LOCK ASSEMBLY PRELOAD COMPENSATION SYSTEM**
[54] **SYSTEME DE COMPENSATION DE PRECONTRAINTE D'ENSEMBLE VERROU DE PORTE ELECTRONIQUE**
[72] BATY, DAVID MATTHEW, US
[72] BEENE, DONALD LEE, US
[72] RETTIG, RAYMOND F., US
[72] AINLEY, WILLIAM B., US
[71] SCHLAGE LOCK COMPANY LLC, US
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[51] **Int.Cl. B60T 17/16 (2006.01) F15B 15/26 (2006.01)**
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[54] **AUTOMATIC PARKING BRAKE FOR BODY MOUNTED BRAKE CYLINDER**
[54] **FREIN DE STATIONNEMENT AUTOMATIQUE POUR CYLINDRE DE FREIN MONTE SUR CARROSSERIE**
[72] HUBER, HOWARD, JR., US
[72] NEULIEB, ROBERT, US
[71] NEW YORK AIR BRAKE LLC, US
[22] 2015-09-02
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[51] **Int.Cl. G01N 33/483 (2006.01) G01N 1/34 (2006.01)**
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[54] **METHODS FOR DETECTING DIHYDROXYVITAMIN D METABOLITES BY MASS SPECTROMETRY**
[54] **PROCEDES DE DETECTION DE METABOLITES DE DIHYDROXYVITAMINE D PAR SPECTROMETRIE DE MASSE**
[72] HOLMQUIST, BRETT, US
[72] CLARKE, NIGEL J., US
[72] CASTON-BALDERRAMA, ANNE, US
[72] REITZ, RICHARD E., US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **METHOD FOR REAL-TIME MONITORING AND TRANSMITTING HYDRAULIC FRACTURE SEISMIC EVENTS TO SURFACE USING THE PILOT HOLE OF THE TREATMENT WELL AS THE MONITORING WELL**
[54] **PROCEDE DE CONTROLE ET DE TRANSMISSION EN TEMPS REEL VERS LA SURFACE D'EVENEMENTS SISMIQUES DANS UNE FRACTURE HYDRAULIQUE PAR L'AVANT-TROU DU PUITS DE TRAITEMENT UTILISE COMME PUITS DE SURVEILLANCE**
[72] BARTKO, KIRK M., SA
[72] BOULDIN, BRETT WAYNE, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **LAVAGE DE GAZ DE COMBUSTION**
[72] WANG, ZHEN, US
[71] AMCOL INTERNATIONAL CORPORATION, US
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[62] 2,820,097
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[25] EN
[54] **VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE DE PREDICTION VIDEO, METHODE DE CODAGE DE PREDICTION VIDEO, PROGRAMME DE CODAGE DE PREDICTION VIDEO, DISPOSITIF DE DECODAGE DE PREDICTION VIDEO, METHODE DE DECODAGE DE PREDICTION VIDEO ET PROGRAMME DE DECODAGE DE PREDICTION VIDEO**
[72] FUJIBAYASHI, AKIRA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
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[54] **TRANSVASCULAR NERVE STIMULATION APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE NEUROSTIMULATION TRANSVASCULAIRE**
[72] HOFFER, JOAQUIN ANDRES, CA
[71] LUNGPACER MEDICAL INC., CA
[22] 2008-01-29
[41] 2008-08-07
[62] 2,877,177
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[54] **ULTRASOUND MATRIX INSPECTION**
[54] **CONTROLE PAR MATRICE A ULTRASONS**
[72] TEN GROTENHUIS, RAYMOND, CA
[72] HONG, ANDREW, CA
[72] CHEN, ZHENXIANG, CA
[72] MADILL, MATT, CA
[72] SHOKRALLA, SHADDY, CA
[72] WONG, CHENG CHUEN BENEDICT, CA
[72] PRESTON, SCOTT, CA
[72] SAKUTA, ALEXANDER, CA
[71] ONTARIO POWER GENERATION INC., CA
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[54] **ENCODING, DECODING, AND REPRESENTING HIGH DYNAMIC RANGE IMAGES**
[54] **CODAGE, DECODAGE ET REPRESENTATION D'IMAGES A PLAGE DYNAMIQUE ETENDUE**
[72] JIA, WENHUI, US
[72] NINAN, AJIT, US
[72] TEN, ARKADY, US
[72] WARD, GREGORY JOHN, US
[72] WANG, GAVEN, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[62] 2,830,678
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[51] **Int.Cl. A01G 9/20 (2006.01) H01L 33/06 (2010.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **PLANT ILLUMINATION DEVICE AND METHOD FOR DARK GROWTH CHAMBERS**
[54] **DISPOSITIF D'ECLAIRAGE DE PLANTES ET PROCEDE POUR DES CHAMBRES NOIRES DE CROISSANCE**
[72] AIKALA, LARS, FI
[72] KIVIMAKI, ILKKA, FI
[71] VALOYA OY, FI
[22] 2012-02-08
[41] 2012-09-20
[62] 2,827,801
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[25] EN
[54] **SYSTEMS AND METHODS FOR RECORDING AND PLAYING BACK PROGRAMS HAVING DESIRABLE RECORDING ATTRIBUTES**
[54] **SYSTEMES ET PROCEDES PERMETTANT L'ENREGISTREMENT ET LA LECTURE DE PROGRAMMES DOTES DE PROPRIETES D'ENREGISTREMENT DESIRABLES**
[72] ELLIS, MICHAEL D., US
[72] SPIEGEL, REED S., US
[71] ROVI GUIDES, INC., US
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **PAYMENT CONFIRMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONFIRMATION DE PAIEMENT**
[72] DE VILLIERS, DAVID, ZA
[71] GELLINER LIMITED, GB
[22] 2016-11-04
[41] 2017-05-17
[62] 2,947,514
[30] GB (1520267.4) 2015-11-17

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[51] **Int.Cl. A61K 36/28 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/4425 (2006.01) A61K 36/185 (2006.01) A61K 36/23 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **TOPICAL ANTI-INFLAMMATORY COMBINATION HAVING ACTIVES OF SAMBUCUS NIGRA, CENTELLA ASIATICA OR ECHINACEA PURPUREA**
[54] **COMBINAISON TOPIQUE ANTI-INFLAMMATOIRE RENFERMENT DES ELEMENTS ACTIFS DE SAMBUCUS NIGRA, CENTELLA ASIATICA OU ECHINACEA PURPUREA**
[72] LEVINE, WILLIAM ZEV, IL
[72] SAFFER, ARON JAY, IL
[72] NUSSBAUM, GABRIEL, IL
[71] IZUN PHARMACEUTICALS, INC., US
[22] 2009-07-15
[41] 2010-01-28
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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS**
[54] **COMPOSES TRICYCLIQUES**
[72] ARGIRIADI, MARIA A., US
[72] CALDERWOOD, DAVID J., US
[72] ERICSSON, ANNA M., US
[72] FIAMENGO, BRYAN A., US
[72] FRANK, KRISTINE E., US
[72] FRIEDMAN, MICHAEL, US
[72] GEORGE, DAWN M., US
[72] GOEDKEN, ERIC R., US
[72] JOSEPHSOHN, NATHAN S., US
[72] LI, BIQIN C., US
[72] MORYTKO, MICHAEL J., US
[72] STEWART, KENT D., US
[72] VOSS, JEFFREY W., US
[72] WALLACE, GRIER A., US
[72] WANG, LU, US
[72] WOLLER, KEVIN R., US
[72] WISHART, NEIL, US
[71] ABBVIE INC., US
[22] 2009-06-09
[41] 2009-12-17
[62] 2,727,032
[30] US (61/131,599) 2008-06-10
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HALLIBURTON ENERGY SERVICES, INC.	2,874,249
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SHERWIN, FRANCIS M. 2,802,886
SHI, SAM 2,571,700
SHI, YANBO 2,942,427
SHIH, STUART S. 2,854,869
SHIMA, HIDEKAZU 2,931,062
SHIMADA, DAISUKE 2,916,050
SHIMADA, DAISUKE 2,931,871
SHIMADA, SATOSHI 2,910,488
SHIMANAKA, HIROYUKI 2,944,411
SHIMIZU, NOBUTAKA 2,920,289
SHIMOKAWA, YOUHEI 2,866,614
SHIN, HYE WON 2,803,580
SHIN, YOUNG-JUN 2,744,124
SHIOJIRI, TOSHIKAZU 2,866,614
SHIOKAWA, SATOSHI 2,906,493
SHMARAK, ITZIK 2,616,291
SHMUNIS, VLADIMIR 2,781,396
SHOHARA, MAKOTO 2,866,621
SHOKRALLA, SHADDY 2,849,778
SHORTLIDGE, SETH 2,869,848
SHPERLING, ITZHAK 2,925,445
SHULTE, BRADLEY D. 2,933,570
SHUTTLEWORTH, STEPHEN JOSEPH 2,771,594
SICHUAN SUNFOR LIGHT CO., LTD. 2,914,645
SIEMENS AKTIENGESELLSCHAFT 2,742,487
SIEMENS AKTIENGESELLSCHAFT 2,776,279
SIEMENS AKTIENGESELLSCHAFT 2,805,159
SIEMENS AKTIENGESELLSCHAFT 2,805,942
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,746,489
SIEMENS INDUSTRY, INC. 2,925,591
SIEVERLING, NATHALIE 2,769,886
SIGVARIS AG 2,793,146
SILVA, FRANCK ALEXANDRE 2,771,594
SILVANOVICH, NATALIE MICHELLE 2,792,707
SIMMONS, MICHAEL 2,801,181
SIMON, DAVID L. 2,794,541
SIMON, MICHAEL 2,667,991
SIMPSON, TYLER DEAN 2,784,354
SIN, DON 2,705,952
SINCLAIR, PAUL L. 2,743,240
SINGER, JOSEF 2,850,980
SINGH, RAJEEVA 2,825,919
SINGH, SATINDER 2,789,915
SINGH, SATINDER 2,851,120
SIROIS, MIKE 2,753,232
SIXL, FRANK 2,771,006
SJOLANDER, HAKAN 2,815,257
SK BIOPHARMACEUTICALS CO., LTD. 2,797,050
SK BIOPHARMACEUTICALS CO., LTD. 2,803,580
SK CHEMICALS CO., LTD. 2,817,192
SKELETAL DYNAMICS LLC 2,777,540
SKONBERG, CARL M. 2,886,380
SKULLCANDY, INC. 2,740,296
SLEZAK, IVO 2,784,464
SLJIVAR, SLAVEN 2,981,443
SMART SHOOTER LTD. 2,829,473
SMARTDRIVE SYSTEMS, INC. 2,981,443
SMEETS, FLORIAN 2,908,509
SMILEY, WILLIAM A. 2,795,670
SMITH & NEPHEW PLC 2,797,594
SMITH INTERNATIONAL, INC. 2,760,984
SMITH, DANIEL T. 2,928,558
SMITH, JERRY WAYNE 2,936,048
SMITH, JOSEPH J. 2,883,395
SMITH, KENNETH C. 2,938,554
SMITH, PETER K. 2,922,499
SMITH, PETER K. 2,922,515
SMITH, PHILLIP E. 2,728,706
SMITH, SCOTT 2,788,696
SMITH, SCOTT 2,821,168
SMITH, WILLIAM L. 2,959,856
SMITHE, ALAN 2,869,848
SMITHERS, MICHAEL 2,816,889
SNEAD, EDWIN DESTEIGUER 2,931,832
SNECMA 2,839,459
SOBOTKA, PETER 2,571,700
SOBRERO, GIOVANNI 2,733,439
SODA, MANABU 2,786,974
SODEMANN, STEEN TORBEN 2,862,085
SOFFIATTI, RENZO 2,817,817
SOFIA, MICHAEL JOSEPH 2,794,671
SOKKA, MIKA 2,822,948
SOKOL, KONSTANTIN PAVLOVICH 2,894,650
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,769,886
SOLLARS, SCOTT A. 2,886,033
SOMANI, AVISHEK 2,896,050
SONG, BYEONG CHEOL 2,859,125
SONG, BYEONG CHEOL 2,914,131
SONG, HAK-SUP 2,857,392
SONG, W. DAVID 2,721,574
SONG, WENWEN 2,935,501
SONGKAKUL, PORNSAK 2,925,591
SONOCO DEVELOPMENT, INC. 2,931,425
SONOCO DEVELOPMENT, INC. 2,953,865
SONY CORPORATION 2,904,775
SOO, HWAILI 2,759,496
SOREMARTEC S.A. 2,733,439
SORIA ARTZI, GALI OLGA 2,932,766
SORIMACHI, YOSHIKI 2,931,871

SPEC INTELLECTUAL PROPERTY, LLC 2,751,877
SPECIALITES PET FOOD 2,850,656
SPECK, KATALINA 2,980,610
SPENCER, NICHOLAS KEITH 2,901,610
SPERINDE, JEFF 2,764,386
SPILKER, JAMES 2,667,991
SPINDLER, CHRISTIAN 2,790,159
SPINESAVE AG 2,809,145
SPITZ, ROBERT M. 2,763,361
SPITZL, RALF 2,865,937
SPORT MASKA INC. 2,820,278
SPRAINIS, RONALD J. 2,848,207
SPRAWSON, GEOFFREY 2,856,077
SPRING, NICHOLAS 2,741,886
SQUARTINI, ANDREA 2,876,367
ST. JUDE MEDICAL COORDINATION CENTER BVBA 2,772,966
ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC. 2,941,398
STAERK, ALEXANDRA 2,760,922
STANCOMBE, MICHAEL 2,745,840
STANDARD LIFTERS, INC. 2,820,083
STANDARD LIFTERS, INC. 2,820,089
STANG, LAWRENCE JOSEPH 2,746,096
STANLEY BLACK & DECKER MEA FZE 2,916,883
STARK, JOSEPH L. 2,839,138
STEELE, ROBERT A. 2,839,138
STEEPER ENERGY APS 2,838,863
STEIN, ADAM L. 2,741,778
STEIN, ANDREA 2,776,793
STEIN, BRUCE 2,934,294
STEINKASSERER, ALEXANDER 2,847,795
STEKLASA, ROBERT FRANK 2,855,043
STEPHANOPOULOS, GREGORY 2,780,415
STERLING MARKING PRODUCTS INC. 2,717,256
STEVENSON, MICHAEL J. 2,796,416
STIESDAL, HENRIK 2,742,487
STIVER, MARK C. 2,786,360
STOBER, BERNE K. 2,854,869
STOKES, PETER LEWIS 2,841,425
STONE, JOHN B. 2,787,251
STONE, MATTHEW T. 2,912,765
STORER, NORMAN G., III 2,883,395
STORMER, MICHAEL 2,949,470
STOVER, CORDULA M. 2,847,677
STOWE, CALVIN J., II 2,921,083
STRACKE, OLAF 2,854,585
STRANDEMAR, KATRIN 2,838,992
STRASEMEIER, JOHN ANDREW 2,892,309
STRATEN, PER THOR 2,563,393
STRATTON, JOHN 2,824,409
STREETS, PHIL 2,753,232
STROMMER, GERA 2,616,291
STULEN, FOSTER B. 2,770,743
SU, DEXIAN 2,838,836
SULZER, JAMES 2,927,792
SUMER, MURAT 2,769,119
SUMITOMO CHEMICAL COMPANY, LIMITED 2,797,380
SUMITOMO CHEMICAL COMPANY, LIMITED 2,811,886
SUMITOMO HEAVY INDUSTRIES, LTD. 2,883,038
SUMITOMO HEAVY INDUSTRIES, LTD. 2,952,325
SUN, JIANYONG 2,674,506
SUN, XIAO 2,882,307
SUNBEAM PRODUCTS, INC. 2,783,100
SUNCOR ENERGY INC. 2,836,304
SUNCOR ENERGY INC. 2,899,805
SUND, JULIUS C. 2,878,847
SUNNY PHARMTECH INC. 2,788,684
SUNTHARALINGAM, PIRANAVAN 2,810,942
SURVAC APS 2,563,393
SURYANARAYANAN, DEEPAK 2,904,281
SUSA, TOMOYUKI 2,812,751
SUSITAIVAL, RIIKKA 2,766,903
SUSSEX DEVELOPMENT SERVICES LLP 2,624,942
SUTTON, DARIN M. 2,728,706
SUTTON, GREGG 2,817,242
SUZUKI, SHOICHI 2,750,888
SUZUKI, SHOICHI 2,773,583
SWANSON, KEVIN D. 2,878,847
SWART, STEPHEN DAVID 2,810,724
SWIATEK, GLENN J. 2,775,348
SWOBODA, INES 2,782,693
SYMBOL TECHNOLOGIES, LLC 2,955,358
SYNCRUDE CANADA LTD. 2,885,507
SYNCRUDE CANADA LTD. 2,908,775
SYNGENTA PARTICIPATIONS AG 2,797,349
SZEWCZYK, JANAH C. 2,794,521
TAENAKA, SHINJI 2,920,289
TAKAHASHI, KAZUYUKI 2,599,240
TAKAHASHI, KINYA 2,929,731
TAKAHASHI, YUKI 2,795,010
TAKASHIMA, YOSUKE 2,765,278
TAKEDA PHARMACEUTICAL COMPANY LIMITED 2,857,457
TAKEDOMI, YUKA 2,930,507
TAKEMOTO, HIROSHI 2,925,874
TAKENAKA, HIROKAZU 2,866,621
TAKETSU, HIROFUMI 2,871,174
TAKIZAWA, TAKESHI 2,750,836
TAKRAF GMBH 2,928,353
TALWAR, NARESH 2,718,639
TALWAR, NARESH 2,858,478
TAMMEMAGI, CARL MARTIN 2,705,952
TANABE, SHIGERU 2,933,461
TANAKA, HIROSHI 2,916,050
TANAKA, HIROSHI 2,927,094
TANAKA, HIROSHI 2,931,871
TANAKA, RYUZO 2,896,000
TANAKA, SOICHI 2,811,886
TANAKA, TOMONORI 2,866,621
TANG, CHAO 2,914,645
TANG, YUMEI 2,927,137
TANGY, FREDERIC 2,829,581
TAO, NONGJIAN 2,764,045
TARAYRE, CHRISTOPHE 2,891,306
TASHIRO, YASUHITO 2,812,751
TAYLOR, CURTIS 2,818,942
TAYLOR, DAVID M. 2,878,598
TAYLOR, LARRY 2,843,215
TAYLOR, SIDNEY 2,803,928
TECHNISCHE UNIVERSITAET BERLIN 2,719,769
TECHNISCHE UNIVERSITAT ILMENAU 2,879,823
TECRES S.P.A. 2,817,817
TEDFORD, CLARK E. 2,847,677
TEETS, DENNIS 2,921,022
TEIXEIRA, SCOTT M. 2,804,596
TEKE, KUSHABHAU D. 2,874,249
TEKNI-PLEX, INC. 2,860,872
TELEDYNE INSTRUMENTS, INC. 2,741,068
TELEFLEX INNOVATIONS S.A.R.L. 2,817,242
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,766,903
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,790,298
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,873,486
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,780,206
TELSTRA CORPORATION LIMITED 2,901,610
TEN GROTENHUIS, RAYMOND 2,849,778
TENARIS CONNECTIONS B.V. 2,805,566
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,878,298
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,882,307
TERAO, NORIYUKI 2,866,621
TESCO CORPORATION 2,799,429
TESCO CORPORATION 2,858,548
TESCO CORPORATION 2,859,750
TESCO CORPORATION 2,896,093
TESCO CORPORATION 2,928,033
TESTER, ANGUS 2,723,994
TESTI, ROBERTO 2,809,747
TEXAS TECH UNIVERSITY 2,817,198
THACHER, TYLER 2,909,914
THALES 2,801,632
THE BOEING COMPANY 2,637,940
THE BOEING COMPANY 2,820,685
THE BOEING COMPANY 2,824,820
THE BOEING COMPANY 2,831,199
THE BOEING COMPANY 2,849,530
THE BOEING COMPANY 2,897,254
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 2,913,338
THE CHILDREN'S MEDICAL CENTER CORPORATION 2,913,338

THE CLOROX COMPANY 2,959,856
THE COCA-COLA COMPANY 2,784,810
THE ESAB GROUP, INC. 2,816,545
THE GILLETTE COMPANY LLC 2,928,841
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,801,750
THE HERSHEY COMPANY 2,906,803
THE HERSHEY COMPANY 2,921,022
THE INSTITUTE FOR ETHNOMEDICINE 2,730,015
THE KANSAI ELECTRIC POWER CO., INC. 2,927,094
THE LUBRIZOL CORPORATION 2,919,153
THE PROCTER & GAMBLE COMPANY 2,843,608
THE PROCTER & GAMBLE COMPANY 2,865,305
THE PROCTER & GAMBLE COMPANY 2,892,309
THE PROCTER & GAMBLE COMPANY 2,893,949
THE PROCTER & GAMBLE COMPANY 2,899,789
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,663,055
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,678,963
THE SECRETARY OF STATE FOR DEFENCE 2,725,688
THE UNIVERSITY OF TOKYO 2,907,558
THERACOS SUB, LLC 2,800,379
THERKELSEN, FRANS 2,785,440
THIBAULT, PIERRE 2,767,570
THIBAULT, RICHARD C. 2,928,558
THIEMANN, MEINOLF 2,731,388
THIJSSEN, STEPHAN 2,764,838
THINK AND VISION GMBH 2,764,656
THIRIET, ROMAIN 2,814,381
THOMAS & BETTS INTERNATIONAL, LLC 2,811,813
THOMAS & BETTS INTERNATIONAL, LLC 2,916,715
THOMAS, TERRY M. 2,728,706
THOMAS, THIERRY 2,805,083
THOMASSON, ANDREAS 2,774,760
THOMSON, CAREN FRANCES 2,860,796
THORNE, JASON B. 2,915,198
THREEWAY TECHNOLOGY CO., LTD. 2,861,326
TIAN, XIAOLI 2,877,423
TINE, BLAISE PASCAL FONKOU 2,801,054
TINSLEY, JACK 2,790,159
TIOZZO NETTI, STEFANO 2,876,367
TIPPETT, JONATHAN G. 2,889,805
TIPTON, GUY 2,946,442
TISSA ENGINEERING INC. 2,810,382
TMJ SERVICES LLC 2,853,072
TNR INDUSTRIAL DOORS INC. 2,737,124
TODD, BENJAMIN L. 2,928,884
TOIDA, MASASHI 2,911,377
TOLEDANO, ILAN 2,835,643
TOMASELLI, MICHELE 2,775,922
TOMASSINI, BARBARA 2,809,747
TOMES, JENNIFER E. 2,705,647
TOOBA, ABRAHAM 2,925,445
TORAY INDUSTRIES, INC. 2,792,089
TORAY INDUSTRIES, INC. 2,793,200
TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION 2,907,558
TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD. 2,942,427
TOUSSA, NARCISSE N. 2,808,843
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,883,128
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,906,493
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,377
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,767
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,932,566
TRABANCO-SUAREZ, ANDRES AVELINO 2,760,259
TRABANCO-SUAREZ, ANDRES AVELINO 2,760,741
TRACY, DAVID 2,841,425
TRAN, CHI T. 2,880,475
TRAN, THUY-ANH 2,744,124
TRANE INTERNATIONAL INC. 2,795,670
TRANSNORM SYSTEM, INC. 2,927,790
TRANSNORM SYSTEM, INC. 2,927,792
TRASS, OLEV 2,795,413
TRAVELPRO PRODUCTS, INC. 2,821,168
TREON, THOMAS L. 2,789,607
TREPPENDAHL, SVEND 2,785,440
TRESADERN, GARY JOHN 2,760,741
TRETOW, PAUL R. 2,897,254
TRIPPEL, CHRISTINE 2,776,332
TROTTA, FREDERICK J. 2,980,311
TROUPE, KAROLYN MARIE 2,785,653
TRUGLIA, VITO GIANFRANCO 2,789,646
TRUSCOTT, ANTHONY 2,857,332
TRUSTSEED SAS 2,711,639
TSANG, ALBERT C. 2,808,135
TSUBOI, YUICHI 2,907,558
TSUBOKAWA, MASAYOSHI 2,981,686
TSUDA, EISUKE 2,750,836
TSUJII, YOSHINOBU 2,944,411
TULSIERAM, LOMAS 2,629,284
TUNG, JULIE CHRISTINA 2,846,575
TUNG, TERESA S. 2,697,991
TUNGALOY CORPORATION 2,929,731
TUPMAN, DAVID 2,651,048
TURBOMECA 2,814,381
TURBOMECA 2,921,242
TURCAJ, PAVEL 2,901,610
TURK, BRIAN S. 2,776,324
TURLEY, EVA 2,703,532
TYCO HEALTHCARE GROUP LP 2,708,867
TYCO HEALTHCARE GROUP LP 2,750,640
TZAKIS, ANDREAS G. 2,804,386
TZOO YING ENTERPRISE CO. LTD. 2,916,234
UCHIDA, HIROSHI 2,804,225
UDEN, MARK 2,695,484
UEDA, YOSHIO 2,860,689
UEMATSU, MITSUYOSHI 2,925,874
UENO, NORIEDA 2,952,325
ULLMAN, BRETT 2,744,124
ULTRAVISION TECHNOLOGIES, LLC 2,933,711
UNICO, INC. 2,943,898
UNILEVER BCS LIMITED 2,812,876
UNITED PARCEL SERVICE OF AMERICA, INC. 2,886,380
UNITED STATES GYPSUM COMPANY 2,721,574
UNITED TECHNOLOGIES CORPORATION 2,880,937
UNITED TECHNOLOGIES CORPORATION 2,933,432
UNITED TECHNOLOGIES CORPORATION 2,936,576
UNIVERSITA' DEGLI STUDI DI PADOVA 2,876,367
UNIVERSITAT POLITECNICA DE CATALUNYA 2,799,057
UNIVERSITE DE MONTREAL 2,767,570
UNIVERSITE LIBRE DE BRUXELLES 2,772,735
UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS 2,798,919
UNIVERSITY HEALTH NETWORK 2,792,641
UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC. 2,903,987
UNIVERSITY OF GENOA 2,530,272
UNIVERSITY OF LEICESTER 2,847,677
UNIVERSITY OF PRETORIA 2,810,724
UNIVERSITY OF TSUKUBA 2,828,420
UNIVERSITY OF UTAH RESEARCH FOUNDATION 2,736,589
UNO, MASAYUKI 2,931,062
UPPALA, SATHYANARAYANA 2,782,353
UPRETI, MANI 2,784,810
UPSHALL, MALCOLM 2,890,068
UPTIGROVE, STANLEY O. 2,787,251
URANAKA, KYOUJI 2,940,421
URBANEK, ANTHONY PHILLIP 2,853,072
URECH, DAVID 2,680,564
URUSHIZAKI, YUKINORI 2,896,000

US SYNTHETIC CORPORATION 2,737,531
USG INTERIORS, LLC 2,721,574
VAIDYA, ALEKH 2,981,443
VALENTA, RUDOLPH 2,782,693
VALERI, ROBERT 2,823,588
VALLEE, JEROME 2,825,855
VALLOUREC OIL AND GAS FRANCE 2,801,012
VALLOUREC OIL AND GAS FRANCE 2,942,246
VALMET TECHNOLOGIES, INC. 2,736,452
VALMET TECHNOLOGIES, INC. 2,820,162
VAN BREUGEL, JAN 2,787,596
VAN DOORN, ARIE R. 2,752,715
VAN DUSEN, CHARLES H. 2,590,920
VAN HAEKE, MARTIN 2,818,995
VAN KIMMENADE, ANITA 2,759,695
VAN TOL, ERIC 2,782,693
VANLUE, DUKE 2,966,374
VANSIA, MAYUR 2,899,757
VARIATION BIOTECHNOLOGIES INC. 2,803,282
VASAVADA, PRANAV L. 2,880,475
VASQUEZ, MAXIMILIANO 2,725,873
VASTINT HOSPITALITY B.V. 2,862,085
VASUDEVAN, VENUGOPAL 2,867,019
VAUGHN, MARLA 2,719,614
VEDULA, RAVI R. 2,787,065
VEGA RAMIRO, JUAN ANTONIO 2,760,741
VEIJALAINEN, MIKKO 2,736,452
VENDROW, VLAD 2,781,396
VENERONI, ALAIN 2,779,660
VERKOEIJEN, DANIEL 2,779,551
VERMANI, SAMEER 2,918,761
VERMEER MANUFACTURING COMPANY 2,914,568
VERMEER MANUFACTURING COMPANY 2,919,291
VESITECH LIMITED 2,866,638
VICTAULIC COMPANY 2,856,371
VIDEONETICS TECHNOLOGY PRIVATE LIMITED 2,824,330
VIEU, CHRISTOPHE 2,756,098
VIJAYVERGIYA, ARUN 2,846,575
VIKEN, MICHAEL L. 2,926,259
VILLENEUVE, ALAIN 2,695,953
VINUELAS, LUIS A. 2,820,685
VIRMANI, ASHRAF 2,678,746
VISHWARAMAN, MOHAN 2,810,163
VISION GLOBAL HOLDINGS LTD. 2,884,521
VIZCAINO, CHRISTOPHER 2,926,826
VOGEL, ALEX PHILIP 2,865,159
VOL, ALEXANDER 2,767,342
VOLPI, JOHN P. 2,732,654
VON FRAUNHOFER, ANTHONY J. 2,763,361
VORONIN, GEORGIY 2,760,984
VORTEX PERFORMANCE EXHAUSTS LIMITED 2,793,990
VRDOLJAK, OGNJEN 2,741,194
VUORISTO, TOMMI 2,820,162
WABTEC HOLDING CORP. 2,835,146
WABTEC HOLDING CORP. 2,848,207
WABTEC HOLDING CORP. 2,886,033
WACHTER, ANDREAS K. 2,876,599
WAGER, STEFAN 2,766,903
WAGIC, INC. 2,919,774
WAGTMANN, PETER ANDREAS NICOLAI 2,530,272
WAI, NORMAN FUNG MAN 2,884,521
WAINWRIGHT, JOHN 2,897,049
WALDOCK, KEVIN H. 2,966,122
WALKER, STEVEN PAUL 2,824,820
WALKER, STEVEN PAUL 2,831,199
WALL, KERSTIN 2,713,602
WALLACE, GORDON 2,901,919
WALLER, EDMUND K. 2,739,454
WALLNER, GEORGE 2,932,862
WALLWEBER, GERALD J. 2,764,386
WALSH, DAVID ALAN 2,798,919
WAN, FRANK 2,748,285
WANG, BING 2,775,332
WANG, JANICE JIANZHAO 2,948,147
WANG, JING 2,838,836
WANG, LIHONG 2,725,873
WANG, QIAN 2,877,423
WANG, WEN 2,802,125
WANG, XIANGLIN 2,866,900
WANG, XIAOYING 2,906,803
WANG, XIAOYING 2,921,022
WANG, XIHUA 2,801,750
WANG, ZHENG YIN 2,904,267
WARD, WILLIAM C. 2,919,153
WARE, JAQUELINE A. 2,738,671
WASHINGTON STATE UNIVERSITY 2,810,220
WAVELIGHT GMBH 2,945,862
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,923,865
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,928,884
WEAVER, GARY E. 2,929,474
WEBER, JAKOB 2,861,386
WEH, ALEXANDER 2,850,980
WEHLMAN, PERRY 2,728,306
WEIHS, JAN PHILIPP 2,882,106
WEIMAN, ANDREW 2,857,332
WEINSTEIN, JOEL 2,743,507
WEISBERG, PAUL 2,824,409
WELLER, BLAINE 2,753,024
WELLINGTON, SCOTT LEE 2,785,762
WELLMAN, TIMOTHY A. 2,909,832
WELLS, PETER 2,753,232
WENG, LETENG 2,882,307
WENGER, CURTIS 2,900,247
WENGER, MILES 2,803,928
WENSRICH, JEFFREY B. 2,928,884
WENTINK, MAARTEN MENZO 2,845,879
WENTLAND, MARK P. 2,793,725
WERNER EXTRUSION SOLUTIONS LLC 2,781,328
WERNER, CRAIG ROY 2,781,328
WERRIES, DIETER 2,927,651
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CARPENTER, THOMAS 3,001,150
CARR, ANDREW 3,000,744
CARREGA, AUDE 3,001,386
CASALE SA 3,000,915
CASALE SA 3,001,384
CASTELLA, PAUL 3,000,854
CATELAND, AXEL EMILE JEAN CHARLES 3,000,838
CATENACCI, DANIEL 2,999,895
CAUMONT, OLIVIER 3,000,587
CAVATUR, RAGHU 3,001,337
CAVAZOS, JOSE E. 3,001,317
CAVES, KATE 3,001,312
CECCHI, FABIOLA 2,999,895
CECH, CYNTHIA ANN 3,000,561
CELGENE ALPINE INVESTMENT COMPANY II, LLC 3,000,569
CENTAURI THERAPEUTICS LIMITED 3,001,084
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,000,043
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,000,555
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,000,884
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,000,902
CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES 3,001,253
CEPRESS, CARL ALEXANDER 3,001,251
CEPRESS, CARL ALEXANDER 3,001,334
CEVA SANTE ANIMALE 3,000,558
CHAD, JAMES UNRAU 3,000,676
CHAKRABORTY, TIRTHA 3,001,003
CHAKROBARTTY, SHUVRO 3,001,335
CHAMBERS, STUART 3,001,316
CHAN, VIVIEN WAI-FAN 3,001,137
CHAND, UGESH 3,001,156
CHANDA, SUSHMITA MUKHERJEE 3,000,415
CHANDAN, VARUN 3,001,069
CHANG, TAK LUNG 3,000,872
CHANNEL MEDSYSTEMS, INC. 3,001,320
CHAPANERI, ROSHAN V. 3,000,659
CHARITE-UNIVERSITATSMEDIZIN BERLIN 3,000,673
CHARLES, ROBERT 3,001,002
CHASE, DANIEL G. 3,000,964
CHASE, DANIEL G. 3,000,970
CHASE, DANIEL G. 3,000,972
CHASE, DANIEL G. 3,000,992
CHASE, DAVID R. 3,000,765
CHASTEEN, JAMES ROBERT 3,001,048
CHATROUX, ANDRE 3,000,477
CHATROUX, ANDRE 3,000,481
CHAUVIN, DEWEY 3,000,860
CHAWLA, REENA 3,001,075
CHEN, DAWEI 3,000,415
CHEN, GANG 3,000,763
CHEN, HUICHUN 3,000,546
CHEN, HUNTER 3,001,346
CHEN, I-JU 3,000,531
CHEN, KEVIN 3,001,337
CHEN, LI 3,000,794
CHEN, MEI-HSIU M. 3,000,697
CHEN, TONY 2,999,881
CHEN, WANSHI 3,000,646
CHEN, XIAOWEI 3,000,939
CHEN, XINMIN 3,001,053
CHEN, YANG 3,000,761
CHEN, YUKUN 2,974,439
CHENOWETH, DAVID M. 3,000,660
CHEPURNY, MARK P. 3,001,069
CHEVRON PHILLIPS CHEMICAL COMPANY LP 3,000,940
CHEVRON U.S.A., INC. 3,000,695

CHILDREN'S HOSPITAL MEDICAL CENTER 3,000,510
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,000,576
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,000,629
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,000,645
CHING YEE ONG, ELWIN 3,001,334
CHIOSIS, GABRIELA 3,000,851
CHIOU, HERBERT C. 3,000,689
CHIRMULE, NARENDRA 3,000,929
CHITTOOR, JAISHREE M. 3,000,917
CHIVUKULA, PADMANABH 2,996,722
CHO, EUI-HWAN 3,000,634
CHOE, SUNGHWA 3,001,108
CHOE, SUNGHWA 3,001,232
CHOI, CHANG-HOON 3,000,636
CHOI, MEE-HWA 3,000,634
CHOI, SUNG-JU 3,000,634
CHOONG, XIANKENG 3,000,625
CHOU, CHIA-TE 3,000,694
CHOUGULE, NANASAHEB 3,001,123
CHRISTANDL, DIETER 3,000,585
CHRISTANDL, JOSEF 3,000,585
CHRISTIAN, JEFFREY 3,001,338
CHRISTIANSEN, PIERS 3,000,913
CHUANG, TZU-DER 3,000,758
CHUKKA, SRINIVAS 3,000,050
CHURCH, GEORGE M. 3,001,314
CICENAS, CHRIS 3,000,009
CID-AGUILAR, JOSE GUADALUPE 3,000,806
CIDRA CORPORATE SERVICES INC. 3,000,507
CILLUFFO, GIUSEPPE 3,000,052
CIPRIAN, MICAH 3,000,472
CITY OF HOPE 3,001,230
CLAES, PIETER ISABELLE ROGER 3,000,802
CLAES, PIETER ISABELLE ROGER 3,001,094
CLAES, PIETER ISABELLE ROGER 3,001,096
CLARIANT INTERNATIONAL LTD 3,001,181
CLARIANT INTERNATIONAL LTD 3,001,184
CLARK, BRETT MICHAEL 3,001,313
CLASSIC CONNECTOR, INC. 3,000,667
CLAYETTE, JEAN 3,001,256
CLEARWATER CLINICAL LIMITED 3,000,433
CLEMENTS, IAN 3,000,854
CLEVENGER, RANDY 3,000,982
CMI DEFENCE S.A. 3,001,163
CNH INDUSTRIAL AMERICA LLC 3,000,017
CO, ANNE 3,000,630
COALE, BRADFORD J. 3,000,872
COBB, RON 3,000,329
CODD, ALEXANDER PAUL 3,000,974
COKER, JOHN 3,001,304
COLATOSTI, DAVID 3,000,823
COLD CHAIN TECHNOLOGIES, INC. 3,001,048
COLD CHAIN TECHNOLOGIES, INC. 3,001,052
COLEMAN, ERIC 3,000,630
COLLINS, JOHN LLOYD 2,999,527
COLLINS, MARK ANTHONY 3,001,151
COLOMINE, ANTHONY 3,001,163
COLOSIMO, RACHEL NOTTINGHAM 3,000,964
COLOSIMO, RACHEL NOTTINGHAM 3,000,970
COLOSIMO, RACHEL NOTTINGHAM 3,000,972
COMAN, CHRISTOPHER JOHN ANTHONY 3,000,800
COMAU S.P.A. 3,001,092
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,000,477
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,000,481
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,000,856
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,001,197
COMPLEXA, INC. 3,000,842
CONNOR, CHRISTOPHER 3,000,623
CONRATH, KATJA E. 3,000,802
CONRATH, KATJA E. 3,001,099
CONSTELLIUM NEUF-BRISACH 3,001,252
CONTAL, SYLVIE 3,001,397
CONTINENTAL REIFEN DEUTSCHLAND GMBH 3,000,024
CONTINENTAL REIFEN DEUTSCHLAND GMBH 3,000,026
CONTITECH TRANSPORTBANDSYSTEME GMBH 3,000,648
COOK, GREGORY 3,001,052
COOK, PATRICK 3,000,535
COONROD, DONALD SCOTT 3,000,620
COOPER, ARTHUR DAVID 3,000,234
COPLAND, RICHARD J. 3,000,417
COQUERON, PIERRE-YVES 3,001,186
CORCORAN, JAMIE 3,001,022
CORLU, BERIL 3,000,582
CORMEDIX INC. 3,000,868
CORNELL, MARY ANN 3,001,002
CORR, ANDY 3,001,289
CORY, ROSA 3,000,748
COSCIA, ANTONIO 3,000,777
COSKUN, TAMER 3,000,538
COSTA, EUNICE 3,001,281
COTE, RIC 3,001,320
COUTTS, DARYL DAVID 3,000,759
COWAN, CHAD ALBERT 3,000,931
COWART, MARLON D. 3,000,802
COWART, MARLON D. 3,001,094
COWART, MARLON D. 3,001,096
COX, JOHN M. 3,000,666
CRABTREE, GERALD R. 3,001,000
CRAIG, TIMOTHY KELLOG 3,000,561
CRISCIONE, JASON M. 3,000,730
CRISPR THERAPEUTICS AG 3,000,931
CRIT-CORE-TECH CRITICAL CORE TECHNOLOGIES GMBH 3,000,908
CROUCH, MICHAEL FRANCIS 3,000,584
CROWN IRON WORKS COMPANY 3,000,432
CUI, YUNYUN 3,000,551
CUOQ, FABRICE 3,001,322
CYR, DOUGLAS 3,000,802
D'URSO, JOHN J. 3,001,343
DA FONSECA SILA E, SILVA DANILO 3,000,515
DAHLQVIST, JOHAN 3,000,623
DAHMEN, PETER 3,001,186
DAI, HAINING 3,000,730
DAMIECKI, DAVID 3,001,045
DAMMANN, ARMIN 3,001,080
DANIELSON, MICHAEL DWIGHT 3,000,595
DANMARKS TEKNISKE UNIVERSITET 2,999,594
DATTA, SANDEEP ROBERT 3,001,063
DAUGERON-JOUAULT, AUDE 3,000,566
DAVEY, ALAN 3,001,276
DAVICIONI, ELAI 3,000,865
DAVIS, CHRISTOPHER 3,000,829
DAVIS, LUKE 3,000,604
DAWSON, ROSS HUGHAN 3,001,236
DAWSON, SCOTT 3,001,308
DAWSON, STEVEN 3,000,727
DE ALCANTARA, COSTA MARCIO 3,000,515
DE BLIECK, ANN 3,001,096
DE BOECK, YVAN 3,000,484
DE CAROLIS, ENRICO 3,000,640
DE GAUDEMARIS, BENOIT 3,001,197
DE LA RUE INTERNATIONAL LIMITED 3,000,613
DE LA RUE INTERNATIONAL LIMITED 3,000,615
DE LEMOS, ELSA 3,000,802
DE LEMOS, ELSA 3,001,094
DE LEMOS, ELSA 3,001,096
DE LEY, IRMA TANDINGAN 3,000,836
DE MAR, PAOLO 3,000,953
DE SOUZA, PINTO THIAGO CESAR 3,000,515
DE STRYCKER, JOOST 3,000,582
DE VLAAM, THOMAS PETRUS GERARDUS 3,000,046
DE WILDE, GERT JULES HECTOR 3,000,802
DEAKIN, ROBERT 3,000,604

DEBOIS, STEFAN ALBERT DENISE 3,001,269
DECISION SCIENCES MEDICAL COMPANY, LLC 3,001,315
DECOSTA, ROBERT JOHN, JR. 3,000,628
DEDISSE, DANIEL 3,000,557
DEFOREL, CORINNE 3,000,791
DEISINGER, THOMAS 3,000,594
DEL FABBRO, OLINTO 3,000,853
DEL RIO PERICACHO, JOSE LUIS 3,000,580
DELAVAL HOLDING AB 3,000,995
DELCHAMBRE, MICHAEL 3,001,261
DELGRANGE, GUILLAUME 3,001,252
DELLA PIETRA, STEFANO 3,000,804
DELWIG, ANTON 3,000,708
DEMARIA, CHRISTINE 3,001,238
DEMIRCI, UTKAN 3,000,627
DENG, CHANGSHUN 3,000,544
DENG, DYLAN DALUN 3,000,763
DENG, SHI-XIAN 3,000,988
DENG, WEI QXI 3,001,257
DENSON, JESSE 3,001,061
DENTRY, TIMOTHY BRIAN 3,000,829
DERBOIS, CATHERINE 3,001,386
DESHPANDE, MILIND 3,000,415
DESIMONE, CHRISTOPHER V. 3,000,878
DESIREDDY, ANIL 3,000,682
DESMARAIS, KERRY 3,001,150
DESROY, NICOLAS 3,000,802
DESROY, NICOLAS 3,001,094
DESROY, NICOLAS 3,001,096
DESSEN, ARNE 3,001,047
DEUTSCHES ZENTRUM FUR LUFT-UND RAUMFAHRT E.V. 3,001,080
DEVIN, CHANTAL 3,001,057
DEVOS, PIETER 3,001,101
DEVRIES, ROBERT B. 3,001,002
DHALA, AMYN 3,000,838
DI MINNO , MATTEO 3,001,117
DI PAOLO, JULIE 3,000,746
DI POMPEO, CHRISTOPHE 3,000,949
DI STEFANO, GIOVANNI 3,001,092
DIACCURATE 3,001,174
DIAMOND, BETTY A. 3,000,657
DIAO, CHENGUANG 3,000,946
DIAZ, RICARDO 3,000,898
DIEKEN, DAVE 3,000,961
DIETRICH, HANSJORG 3,000,768
DIETRICH, HANSJORG 3,000,769
DILUCCIO, ROBERT 3,000,868
DINAN, ESMAEL HEJAZI 3,000,508
DION, DENIS 3,000,948
DIOSADY, LEVENTE LASZLO 3,000,665
DISA-SAINTON, ELODIE 3,000,555
DISPIRITO, ALAN ANGELO 3,000,792
DJO, LLC 3,000,778
DNA2.0, INC. 3,001,312
DO, ALEXANDRA 3,000,663
DO, BENNY 3,000,748
DO, HENRY 3,001,347
DOBRINSKY, JOHN 3,000,506
DOLAN, DAVID J. 3,000,702
DOLBY INTERNATIONAL AB 3,000,781
DOLBY INTERNATIONAL AB 3,000,905
DOLBY INTERNATIONAL AB 3,000,910
DONNELLY, DORAN 3,000,889
DORWART, MICHAEL 3,000,561
DOSATRON INTERNATIONAL 3,001,049
DOUGLAS, GRANT 3,000,860
DOW AGROSCIENCES LLC 3,001,162
DOWNS, JAMES P. 3,000,664
DOYLE, THOMAS R. 3,000,819
DRAGOSTINOFF, NIKOLAUS 3,000,570
DRAGOSTINOFF, NIKOLAUS 3,000,571
DREANO, ELISE 3,001,253
DRIGUEZ, PIERRE-ALEXANDRE 3,000,591
DRIPS, BRYAN M. 3,001,059
DROPULIC, BORO 3,001,306
DROZ, NICOLAS 3,000,963
DRUMM, DONALD 3,000,688
DSM IP ASSETS B.V. 3,000,799
DSM IP ASSETS B.V. 3,000,801
DSM IP ASSETS B.V. 3,001,018
DSM IP ASSETS B.V. 3,001,389
DSYLVA, NASH 3,001,355
DUAN, YUEJIAO 3,000,794
DUARTE, JORGE LUIZ 3,000,773
DUBOIS, JUSTIN 3,000,708
DUBOIS, MARC 3,000,555
DUDLEY, BOBBIE E., JR. 3,001,143
DUEIK, VERONICA PAULA 3,000,665
DUERR, HARALD 3,000,560
DUFF, KAREN 3,000,988
DUGAT, RICHARD 3,000,898
DUMOULIN-WHITE, ROGER 3,001,273
DUNCAN, AUER DON 3,001,335
DUPRAZ, JEAN-PIERRE 3,000,574
DUTHION, BERANGER 3,000,802
DUTHION, BERANGER 3,001,094
DUTHION, BERANGER 3,001,096
DXNOW INC. 3,000,627
DYBALLA, KATRIN MARIE 3,001,157
DYSARSZ, HANS 3,000,861
E, GUANGQI 3,000,884
EAROS, INC. 3,000,672
EASTON DIAMOND SPORTS, LLC 3,000,860
ECKHARD, KATHRIN 3,000,882
ECKHARD, KATHRIN 3,000,886
ECKMAN, CHRISTOPHER FRANK 3,000,699
ECOLAB USA INC. 3,001,322
ECP ENTWICKLUNGSGESELLSCHAFT MBH 3,000,579
ECP ENTWICKLUNGSGESELLSCHAFT MBH 3,000,581
EDELMANN, UDO CHRISTIAN 3,001,146
EDGU, GUVEN 3,001,268
EDITAS MEDICINE, INC. 3,001,351
EDWARDS, ADAM 3,000,968
EDWARDS, JAMES WILLIAM 3,001,313
EGG MEDICAL, INC. 3,000,771
EIGEN, NICO 3,000,882
EIGEN, NICO 3,000,886
EISENBRUK, ROBERT 3,000,683
EISENHARDT, SARA 2,999,594
EITAN, ALECSANDER PETRU 3,000,820
EKBLOND, ANNETTE 3,000,912
ELANCO US INC. 2,996,879
ELANCO US INC. 3,000,538
ELECTRIJET FLIGHT SYSTEMS INC 3,001,313
ELEMENT SIX TECHNOLOGIES LIMITED 2,999,527
ELLENBERGER & POENSGEN GMBH 3,000,877
ELMQUIST, CARL ERIC 3,001,329
EMBREE, WAYNE 3,001,273
EMORY UNIVERSITY 3,000,951
ENE29 S.AR.L. 3,001,261
ENERGY HARVEST AS 3,000,583
ENGLEMAN, EDGAR G. 3,000,985
ENICKL, JORGEN 3,000,995
ENVIROCHASING IP HOLDINGS PTY LTD 3,001,142
EPIZYME, INC. 3,000,983
ERDMANN, JENS 3,001,088
ERDMANN, JENS 3,001,090
ERHO, NICHOLAS 3,000,865
ERIKSSON, KENT 3,001,398
ERNST, BURKHARD 3,000,556
ERTEL, JASON R. 3,000,964
ERTEL, JASON R. 3,000,970
ERTEL, JASON R. 3,000,972
ERWIN, WILLIAM MARK 3,000,757
ESAU, CHRISTINE 2,996,722
ESHGHI, SHAWDEE 3,000,742
ESIGHT CORP. 3,001,066
ESKEW, JOHN F. 3,000,640
ESSILOR INTERNATIONAL 3,001,386
EUREKA THERAPEUTICS, INC. 3,001,137
EVANS, CHRISTOPHER E. 3,000,709
EVANS, DON W.E. 3,000,747
EVERETT, JULIA BREANNE 3,000,759
EVONIK DEGUSSA GMBH 3,001,157
EXERTIER, AGNES 3,001,253
EXPRESSION PATHOLOGY, INC. 2,999,895
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,001,358
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,000,821
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,001,145
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,001,148
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,001,307
EZRA, ASSAF 3,000,844
F. HOFFMAN-LA ROCHE AG 3,000,561
F. HOFFMANN-LA ROCHE AG 3,000,045
F. HOFFMANN-LA ROCHE AG 3,000,048
F. HOFFMANN-LA ROCHE AG 3,000,562
F. HOFFMANN-LA ROCHE AG 3,000,889

F.HOFFMANN-LA ROCHE AG 3,000,560
FADEEV, IVAN ALEKSANDROVICH 3,000,991
FAGUNDES, SANDRO AFONSO SILVA 3,000,736
FALGER, CHRISTIAN 3,000,914
FANG, YUAN 3,000,832
FAQIR, ILIAS 3,001,020
FARIA, NUNO JORGE RODRIGUES 3,000,589
FARIABI, SEPEHR 3,001,295
FARINELLA, DOMENICO 3,001,163
FARRER, STEPHEN W. 3,000,417
FEDDEMA, CHAD 2,984,025
FEDDERS, JOHN 3,001,060
FEI, ROBERT J. 3,000,939
FEINER, GIDEON 3,000,603
FELTEN, FREDERIC NICOLAS 3,000,987
FENDERSON, STEPHEN N. 3,000,980
FENG, BIN 3,000,870
FENG, BINQIANG 3,000,761
FENN, NADJA 3,000,597
FENN, SEBASTIAN 3,000,560
FERAG AG 3,001,414
FERNALD, MARK R. 3,000,507
FERNANDES, PHILIPPE 3,000,744
FERRARA KOLLER, CLAUDIA 3,000,045
FERRARA KOLLER, CLAUDIA 3,000,562
FERRING B.V. 3,001,057
FERTIN PHARMA A/S 3,000,770
FIBERLEAN TECHNOLOGIES LIMITED 3,001,265
FIEKENS, RALF 3,000,786
FIELDING, ROGER 3,001,091
FIELDS, SCOTT ZACHARY 3,000,684
FIETZEK, REINER 3,000,786
FIGG, WILLIAM DOUGLAS 3,000,661
FILIPPOV, ANDREY 3,000,637
FIRMENICH SA 3,000,566
FISCHER, FRIEDRICH 2,999,600
FISCHER, OLIVER 3,000,585
FISCHER, RAINER 3,001,268
FISCHER, REINER 3,000,768
FISCHER, REINER 3,000,769
FISHER CONTROLS INTERNATIONAL LLC 3,000,525
FISHER CONTROLS INTERNATIONAL LLC 3,000,751
FISHER, SCOTT FRANCIS 3,000,956
FISHILEVICH, ELANE 3,001,162
FIVE PRIME THERAPEUTICS, INC. 3,001,131
FJALESTAD, KJETIL 3,001,234
FLANAGIN, CORY 3,001,325
FLEMING, THOMAS MAURICE 3,000,234
FLETCHER, CHARLES 3,000,727
FLIGOR, BRIAN J. 3,000,939
FLOAN, BENJAMIN WAYNE 3,000,432
FLOORING INDUSTRIES LIMITED, SARL 3,001,101
FLORIDA TURBINE TECHNOLOGIES, INC. 3,000,664
FLOWERS, MATTHEW BRADEN 3,000,593
FLUOR TECHNOLOGIES CORPORATION 3,000,980
FOCKE, WALTER 3,000,853
FONTES, MARK 3,001,052
FOREST, OLIVIER 3,000,949
FORMAN, STEPHEN J. 3,001,230
FORMATO, RICHARD M. 3,001,048
FORMATO, RICHARD M. 3,001,052
FOSTER, KELCY JAKE 3,000,679
FOSTER, MARK A. 3,001,023
FRANCESCHIN, GIADA 3,001,384
FRANK, TREVOR 3,000,852
FRANKE, ROBERT 3,001,157
FRANKE, WOLFRAM 3,000,052
FRANKENBACH, GAYLE MARIE 3,000,818
FRANTSITS, WERNER 3,000,409
FRANTSITS, WERNER 3,000,419
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,001,268
FRAZER, THOMAS 3,001,150
FREDERICK, HEATH 3,000,022
FREDRIKSSON, HENRI 3,000,797
FREI, WERNER 3,000,889
FREIBURG, EVAN 3,001,315
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,001,250
FREY, MEGHAN L. 3,001,162
FRIDAG, DIRK 3,001,157
FRIEDLAND, ARI E. 3,001,351
FRIPP, MICHAEL LINLEY 3,000,642
FRITSCHE, JENS 3,001,074
FRUHAUF, MARTIN 3,001,393
FRY, JOHN 3,000,415
FUENTEALBA, LUIS 3,001,316
FUH, GERMAINE 3,001,362
FUJIE, SHUNPEI 3,000,803
FUJIFILM CORPORATION 3,000,965
FUJIFILM CORPORATION 3,000,979
FUJII, TAKAYUKI 3,000,622
FUJIMOTO, YOHEI 3,000,960
FUJITA, FUMIO 3,001,277
FUKUCHI, HIROSHI 3,001,297
FUKUDA, HIROSHI 2,995,668
FULKERSON, JOHN 3,001,249
FURET, SEBASTIEN 3,001,049
FURY, WEN 3,000,725
GAAL, PETER 3,000,646
GAD, MONIKA 3,000,564
GAFTON, CRISTIAN GABRIEL 3,000,767
GAINOR, JOHN P. 3,000,771
GALAPAGOS NV 3,000,779
GALAPAGOS NV 3,000,802
GALAPAGOS NV 3,001,094
GALAPAGOS NV 3,001,096
GALAPAGOS NV 3,001,099
GALDERMA SA 3,000,898
GALECTO BIOTECH AB 3,000,924
GALLEA, MATHIEU 3,000,595
GALLER, GUNTHER 3,000,564
GAMAGE, THAMBARAMALA V. 3,000,856
GAMBLE, KRISTAN DIOR 3,000,970
GAMBLE, KRISTIAN DIOR 3,000,964
GAMBLE, KRISTIAN DIOR 3,000,972
GAMBLE, KRISTIAN DIOR 3,000,992
GANDRA, PREMCHAND 3,001,162
GANE, PATRICK 3,001,265
GANE, PATRICK A.C. 3,000,590
GANSTER, JOHANNES 3,001,088
GANSTER, JOHANNES 3,001,090
GAO, SHANG 3,001,053
GARBATSCHECK, DOMINIK 3,000,895
GARDEN, IAN 3,001,082
GARNWEIDNER, PETER 3,000,864
GAROFF, NIKLAS 3,001,088
GAROFF, NIKLAS 3,001,090
GARRETT, RANDY LYNN 3,001,040
GARRISH, ROBERT 3,000,857
GAS MEASUREMENT INSTRUMENTS LIMITED 3,001,285
GAS MEASUREMENT INSTRUMENTS LIMITED 3,001,289
GAS TECHNOLOGY INSTITUTE 3,001,055
GASHPAR, VITALY 3,001,272
GASKELL, PETER 3,000,855
GASKELL, ROBERT-ERIC 3,000,855
GATTI, RICCARDO 3,001,258
GATZWEILER, ELMAR 3,000,768
GATZWEILER, ELMAR 3,000,769
GAVINI, NAVEEN 3,000,966
GAWSKI, VICTOR 3,001,301
GE OIL & GAS, INC. 3,000,658
GE, CHUANSHENG 3,000,547
GEILEN, FRANK 3,001,157
GEN-PROBE INCORPORATED 3,001,017
GENENTECH, INC. 3,001,362
GENERAL ELECTRIC TECHNOLOGY GMBH 3,000,574
GENERAL ELECTRIC TECHNOLOGY GMBH 3,000,577
GENERAL ELECTRIC TECHNOLOGY GMBH 3,000,879
GENERAL MILLS, INC. 3,001,114
GENETEC INC. 3,000,859
GENOMEDX BIOSCIENCES, INC. 3,000,865
GENZYME CORPORATION 3,001,238
GEORGES, GUY 3,000,562
GERDES, KLAUS 3,000,409
GERDES, KLAUS 3,000,419
GERSZBERG, IRWIN 3,001,291
GERSZBERG, IRWIN 3,001,344
GFESSER, GREGORY A. 3,000,802
GFESSER, GREGORY A. 3,001,094
GFESSER, GREGORY A. 3,001,096
GFOHLER, MARGIT 3,000,908
GHOSH, SOUMYAJIT 3,000,600
GIESEKE, ERIC JAMES 3,000,850
GIESSMANN, GREGOR 3,000,785
GIJTENBEEK, EVERT 3,000,789
GILBERTSON, BROCK 3,001,339

GILDERSLEEVE, RICHARD 3,000,778
GILEAD SCIENCES, INC. 3,000,746
GILSTRING, GERT 3,001,280
GINDER, WILLIAM 3,000,823
GIOIELLO, ANTIMO 3,000,881
GIONET, PAUL 3,000,686
GIOVANNINI, DONATELLA 3,000,884
GIROUARD, MICHAEL R. 3,001,317
GIUFFRIDA, FRANK 3,001,023
GLANBIA NUTRITIONALS (IRELAND) LTD. 3,000,841
GLATT, SOPHIE 3,001,260
GLAXOSMITHKLINE INTELLECTUAL PROPERTY MANAGEMENT LIMITED 2,999,695
GLENDINNING, ANDY 3,001,285
GLOBAL SPECIMEN SOLUTIONS, INC. 3,001,151
GLOSSOP, MELANIE 3,001,084
GLOVER, JIM 3,000,837
GODFREY, JOHN 3,000,615
GODON, THIERRY CLAUDE HENRI 3,001,072
GOEPFERT, ULRICH 3,000,560
GOJO INDUSTRIES, INC. 3,000,720
GOKHALE, VIJAY 3,001,075
GOLD&GREEN FOODS OY 3,000,586
GOLDFINGER, VALENTINA 3,001,074
GOLDSTEIN, VLADIMIR 3,000,748
GOLDSTEIN, VLADIMIR 3,000,754
GOLLA, ALISON HUMBLE 3,000,964
GOLLA, ALISON HUMBLE 3,000,970
GOLLA, ALISON HUMBLE 3,000,972
GOMES-DAGAMA, ERICA M. 3,000,851
GOMEZ, NICHOLAS 3,000,778
GOMEZ-TORREGROSA, ROBERTO 3,000,596
GOPINATH, AJAY 3,000,948
GOSLAU, J. ERIC 3,001,295
GOSMINI, ROMAIN LUC MARIE 3,000,802
GOSMINI, ROMAIN LUC MARIE 3,001,094
GOSMINI, ROMAIN LUC MARIE 3,001,096
GOSSELIN, BENOIT 3,000,522
GOSULA, VEERA VENKATA SATYA SURYA APPALA NARASIMHA TATAJI 3,000,600
GOSWAMI, PARIKSHIT 3,001,263
GOTO, TOSHIHIRO 3,000,614
GOUSSEAU, GEORGES 3,000,481
GOVINDRAJAN, SRIDHAR 3,001,312
GRAF SYNERGY S.R.L. 3,000,933
GRAHAM-WHITE MANUFACTURING COMPANY 3,000,823
GRANGER, ERIC 3,001,089
GRANGER, JEAN FRANCOIS 3,000,915
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,001,016
GRAVES, RICHARD C. 3,001,062
GREEN, JENNIFER 3,000,666
GREEN, JULIE LOUISE 3,000,964
GREEN, JULIE LOUISE 3,000,970
GREEN, JULIE LOUISE 3,000,972
GREENSMITH, BRADLEY 3,000,611
GREGERSEN, PETER 3,000,657
GREGORETTE, LYDIA 3,000,939
GREIG, NIGEL H. 3,000,661
GRESTENBERGER, GEORG 3,000,553
GRESTENBERGER, GEORG 3,000,906
GRICE, BYRON K. 3,000,959
GRIMM, AXEL 2,999,998
GRISWOLD, RYAN C. 3,000,889
GRITSKEVITCH, INNOKENTY 3,001,163
GROENLAND, MARCEL 3,000,759
GROGAN, SARAH 3,000,783
GROSS, MATTHEW I. 3,000,996
GROSSMAN, ROBERT L. 3,001,040
GROUNDPROBE PTY LTD 3,000,740
GROVER, DAVID 3,000,009
GROVES, KEVIN 3,001,020
GRUBER, LEWIS S. 3,000,815
GRUNDY, SEAN 3,000,484
GRUNENTHAL GMBH 3,001,044
GRUSCHOW, ROBERT 3,000,511
GRUTZMACHER, ANDREAS 3,001,255
GU, NANA 3,000,638
GUACHALLA, LUIS MIGUEL 3,000,901
GUANGDONG OML TECHNOLOGY CO., LTD. 2,951,292
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,000,870
GUANGZHOU BEBETTER MEDICINE TECHNOLOGY CO., LTD. 3,000,548
GUELL, MARC 3,001,314
GUERIN ARAUJO DA SILVA, KATIA 3,000,555
GUGGENBERGER, KEITH 3,000,939
GUILLEM, ALVARO F. 3,000,950
GUILLEMETTE, JONATHAN 3,000,459
GUILLO, NATHALIE 3,000,591
GUILLOT, CLEMENT B., III 3,001,058
GUJRAL, TARAN 2,996,513
GUNGL, JOZSEF 3,000,409
GUNGL, JOZSEF 3,000,419
GUNNERIUSSON, ELIN 3,001,264
GUSSGEN, OLAF 3,000,882
GUSSGEN, OLAF 3,000,886
GUY, ASHLEY R. 3,001,148
GUY, ASHLEY RAY 3,000,821
HA, HENGXU 3,000,577
HA, HENGXU 3,000,879
HAACK-SORENSEN, MANDANA 3,000,912
HAAS, ALEXANDER 3,000,562
HACKER, PETER 3,001,077
HADDAD, GABY MILAD 3,000,936
HAIDER, ALEXANDER 3,000,585
HAIFI, SOFIA 3,000,963
HAILU, TSINATKEAB TADESSE 3,000,046
HAINES, PAUL ANTHONY 3,000,987
HAJELA, PALLAVI 3,000,929
HAKAMIES, ANNA 3,000,586
HAKOLA, SAMI-JUKKA 3,000,871
HALE, CLARENCE H. 3,000,697
HALL, LEIF 3,000,812
HALL, TIMOTHY J. 3,001,307
HALLIBURTON ENERGY SERVICES, INC. 3,000,641
HALLIBURTON ENERGY SERVICES, INC. 3,000,642
HALLIBURTON ENERGY SERVICES, INC. 3,000,647
HALLIBURTON ENERGY SERVICES, INC. 3,000,987
HALLIBURTON ENERGY SERVICES, INC. 3,001,299
HALLIBURTON ENERGY SERVICES, INC. 3,001,300
HALLIBURTON ENERGY SERVICES, INC. 3,001,301
HAMANAKA, HIDEKI 3,001,105
HAMANAKA, HIDEKI 3,001,106
HAMBLIN, GAVIN 3,000,472
HAMBLIN, RYAN 3,000,959
HAMED, EHAB 3,000,533
HAMILTON, DANIEL E. 3,001,002
HAMILTON, KENT 3,001,087
HAN, WEIQIANG 3,001,076
HAN, ZHIQIANG 3,001,076
HANADA, TADAYUKI 3,000,960
HAND, RICHARD 3,000,782
HAND, RICHARD 3,000,798
HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD 3,000,550
HANSEN, KASPER BONDO 2,999,594
HANSEN, MARTIN KALMAR 2,999,594
HARDER, CAMERON 3,000,009
HARDMAN, JANEE' M. 2,999,764
HARDWICK, CRAIG 3,001,276
HARGROVE, PAMELA L. 3,000,826
HARIHARAN, GURUMOORTHY 3,001,019
HARPER, CHRISTOPHER PATRICK 3,000,234
HARRIS, ALAN 3,000,533
HARSCO TECHNOLOGIES LLC 3,000,848
HARTMAN, DAVID 3,001,239
HARVEY, ALEXANDER JAMES BADENOCH 3,000,903
HARVEY, PETER A. 3,001,020
HASEGAWA, HIROAKI 3,000,619
HASENOEHRL, ERIK JOHN 3,000,846
HASSLER, NATHANAEL 3,000,777
HATANAKA, HIROAKI 3,000,887
HATTERSLEY, GARY 3,000,533
HAUDENSCHILD, DOMINIK 3,000,633
HAUGHT, JOHN CHRISTIAN 3,000,021
HAUGHT, JOHN CHRISTIAN 3,000,022
HAUSVIK, TOR INGE 3,001,180
HAY, RAN 3,000,820
HAYES, JAMES J. 3,001,315
HAYWARD INDUSTRIES, INC. 2,999,774
HAZPROTECT PTY LTD 3,001,177

HDM S.R.L. 3,000,953
HE, FENG 3,000,761
HE, MI 3,000,045
HE, MINGXUN 3,000,761
HEART REPAIR TECHNOLOGIES, INC. 3,001,338
HEATH, JAMES E. 3,001,040
HEBDEN, ANDREW 3,001,263
HEDBERG, JONAS 3,001,168
HEDMAN ERICSSON PATENT AB 3,001,109
HEDMAN, MATS 3,001,109
HEINHAUPT, TORSTEN 3,000,024
HEINHAUPT, TORSTEN 3,000,026
HEITMANN, ALFONS 3,000,899
HELFER, WADE JONATHON 3,000,525
HELIOX B.V. 3,000,773
HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH) 3,000,792
HELMKE, HENDRIK 3,000,768
HELMKE, HENDRIK 3,000,769
HELMSTETTER, CHRISTOPHER 3,000,009
HEMBROUGH, TODD 2,999,895
HENDERSON, BART 3,000,670
HENDERSON, BART 3,000,673
HENDERSON, LISA 3,000,827
HENDERSON, ROBERT B. 2,999,695
HENNIGES, BRUCE D. 3,001,013
HENRY, PAUL SHALA 3,001,291
HENRY, PAUL SHALA 3,001,344
HEPA WASH GMBH 3,000,925
HEPA WASH GMBH 3,000,927
HERBERT, BEN 3,001,154
HERDMAN, RODERICK D. 3,000,659
HEREKAR, RAJEEV 3,001,237
HEREKAR, SATISH 3,001,237
HERMEL-DAVIDOCK, THERESA 3,000,774
HERNANDEZ CRUZ, PEDRO 3,000,563
HERR, CORY T. 2,996,879
HESSELINK, RENSKE WILLEMIJN 3,001,050
HEUER, CLAAS 3,000,506
HEUFT SYSTEMTECHNIK GMBH 3,001,267
HEUFT, BERNHARD 3,001,267
HEYDENRYCH, MICHAEL 3,000,853
HEYER, STEPHEN A. 3,001,218
HEYMANN, FRANK 3,000,764
HIKICHI, TETSURO 3,000,808
HIKICHI, TETSURO 3,000,810
HILALY, AHMAD 3,001,015
HILL, CAMERON 3,001,154
HILTI AKTIENGESELLSCHAFT 3,000,785
HILTI AKTIENGESELLSCHAFT 3,000,788
HILTI AKTIENGESELLSCHAFT 3,000,790
HILTI AKTIENGESELLSCHAFT 3,000,895
HILTI AKTIENGESELLSCHAFT 3,000,914
HINDERSLAND, LEIF KARE 3,001,180
HINTIKKA, ANTTI 3,000,793
HIRAKI, YUJI 3,000,614
HIRATA, TAKUYA 3,000,612
HIROSE, SATOSHI 3,001,297
HIRSCH, JEREMY ELI 3,001,153
HOFER, ROBERT 3,000,585
HOFER, THOMAS 3,000,045
HOFFMANN, ALEXANDER 3,001,396
HOFMANN, GUNTHER 2,998,795
HOGE, STEPHEN 3,001,003
HOKE, STEVEN HAMILITON 3,000,022
HOKE, STEVEN HAMILTON 3,000,021
HOLDSTOCK, KEITH 3,000,624
HOLIGHAUS, HEIKO 2,999,592
HOLLAR, SETH EDWARD-AUSTIN 3,000,956
HOLLEY, JOHN MURDICK, JR. 3,001,016
HOLLINGSHEAD, JUDITH ANN 3,000,818
HOLLO, CSABA 3,000,817
HOLLOWAY, MATHEW 3,001,087
HOLMES, ALEXANDER E. 3,000,994
HOLMES, PETER 3,000,813
HOLMES, WESLEY SCOTT 3,000,511
HOLTON, BENJAMIN LANNING 3,001,060
HONG, JUNG WOOK 3,000,855
HONG, MI RIM 3,000,835
HOPE, PAUL 3,000,626
HOPFNER, KARL-PETER 3,000,597
HOPPE, MARK 3,001,170
HORAK, IVAN D. 3,000,564
HORAN, LUCAS 3,001,137
HORCAJADA, MARIE NOELLE 3,001,078
HORD, TONY W. 3,001,145
HORENZIAK, STEVEN ANTHONY 3,000,818
HORIKAWA, YASUSHI 3,000,619
HORN, GREGORY 3,001,015
HORSLEY, ROBERT NIGEL 3,000,455
HORSOT, XAVIER 3,001,261
HORTICULTURE INNOVATION AUSTRALIA LIMITED 3,000,856
HOSTE, DIDIER 3,001,279
HOU, ZHENGLIN 3,001,067
HOUSKEEPER, JESSICA ANNE 3,000,824
HOUSSEMAN, CHRISTOPHER GAETAN 3,000,802
HOUSSEMAN, CHRISTOPHER GAETAN 3,001,094
HOUSSEMAN, CHRISTOPHER GAETAN 3,001,096
HOVIONE SCIENTIA LIMITED 3,001,281
HOWLETT, HAROLD 3,000,727
HOY, SUNDAY JO 3,000,964
HOY, SUNDAY JO 3,000,970
HOY, SUNDAY JO 3,000,972
HSIANG, SHIH-TA 3,000,758
HUA MEDICINE (SHANGHAI) LTD. 3,000,794
HUANG, CHAIMING 2,974,439
HUANG, YU-WEN 3,000,758
HUAWEI TECHNOLOGIES CO., LTD. 2,999,700
HUAWEI TECHNOLOGIES CO., LTD. 3,000,544
HUBER, KEVIN 3,001,062
HUBERT, JULIEN 3,001,386
HUCULAK, JOHN CHRISTOPHER 3,000,593
HUDSON PICTURES, INC. 3,000,990
HUDSON, TIMOTHY JOHN 3,000,990
HUENS CO., LTD. 3,000,607
HUENS GLOBAL PTE. LTD. 3,000,607
HUET, THIERRY 3,000,776
HUETER, OTTMAR FRANZ 3,001,170
HUGI, NIKLAUS 3,001,051
HUI, JAMES 3,000,415
HUIZENGA, PIETER 3,001,378
HULME, GARY 3,001,338
HUNT, LINDA 3,000,860
HUNZIKER, PHILIPP 3,001,265
HUR, YOUNG MI 3,000,835
HURRY, SIMON 3,000,566
HUSKY INJECTION MOLDING SYSTEMS LTD. 3,001,196
HUSSMANN CORPORATION 3,001,136
HUSSTEGE, CHRISTOPH 3,000,925
HUSSTEGE, CHRISTOPH 3,000,927
HUT, ALAIN 3,001,197
HUZE, DENIS 3,001,073
HYDRATION LABS, INC. 3,000,484
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 3,000,882
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 3,000,886
HYPER ICE, INC. 3,001,371
HYPERBOLIC ENGINES INCORPORATED 3,001,332
I.S.T. INNOVATIVE SEWER TECHNOLOGIES GMBH 3,000,900
IANNACCONE, PHILIP 3,000,464
IANNACCONE, PHILIP 3,000,466
IANNINI, ROCCO 3,000,599
IHI CORPORATION 3,000,887
IKONIN, SERGEY YURIEVICH 2,999,700
ILIAS, SAMIA 3,001,358
ILLINOIS TOOL WORKS INC. 3,000,813
IMAKAWA, KAZUNARI 3,000,608
IMHOF-JUNG, SABINE 3,000,560
IMMATICS BIOTECHNOLOGIES GMBH 3,001,074
INAGAKI, KOICHI 3,000,887
INCI, FATIH 3,000,627
INCOTEC HOLDING B.V. 3,000,904
INDUKURI, ANJANEYARAJU 3,000,600
INGRAM, THOMAS 3,000,030
INGRAM-TEDD, ANDREW JOHN 3,000,903
INGRAM-TEDD, ANDREW JOHN 3,000,935

INGRAM-TEDD, ANDREW JOHN 3,000,941
INGURAN, LLC 3,000,506
INNOVA PATENT GMBH 3,000,876
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,000,884
INSPIRE MEDICAL SYSTEMS, INC. 3,000,961
INSTITUT POLYTECHNIQUE DE BORDEAUX 3,000,902
INSTITUTE FOR BASIC SCIENCE 3,001,108
INSTITUTE FOR BASIC SCIENCE 3,001,232
INTELLIGENT TEXTILES LIMITED 3,000,639
INTELLISERV INTERNATIONAL HOLDING, LTD. 3,000,628
INTELLISPORTS INC. 3,000,459
INTERCEPT PHARMACEUTICALS, INC. 3,000,881
INTERVET INTERNATIONAL B.V. 3,000,789
INVECTYS 3,000,776
INVENTIVA 3,001,397
IOANNATOS, PIERRE 3,000,897
IOANNATOS, THOMAS 3,000,897
ION GEOPHYSICAL CORPORATION 3,001,058
ION GEOPHYSICAL CORPORATION 3,001,138
IONESCU, LUCIAN 3,001,260
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 3,000,792
IRONNET CYBERSECURITY, INC. 3,001,040
ISHIMORI, YUICHI 3,001,297
ISLAM, ZAKIUL 3,000,422
ISOBE, YOSHIAKI 3,001,283
ISU ABXIS CO., LTD. 3,000,835
IWASAKI, SEAN 3,001,009
JAASKELAINEN, MIKKO 3,000,647
JAASKELAINEN, MIKKO 3,001,299
JABBARA, MICHAEL 3,000,957
JACK, GORDON 3,001,233
JACKSON-HILL, OLIVER CHARLES GRAHAM 3,001,236
JACOBSEN, WILLIAM PAUL 3,001,343
JACOBSON, NATAN HAIM 3,000,020
JACOBSON, SVEN MARTIN 3,001,321
JAIN, RUCHI 3,001,003
JAKES, JOHN STEWART 3,000,624
JAMES HARDIE TECHNOLOGY LIMITED 3,000,921
JAMES HARDIE TECHNOLOGY LIMITED 3,000,993
JAMES, KRISTIN E. 3,000,765
JAMES, LEONARD RICE 3,000,676
JAMES, TIMOTHY W. 3,000,765
JANDRIS, LOUIS JAY 3,000,650
JANECZEK, CHRISTOPH 3,000,908
JANS, EUGENE 3,000,415
JANS, PETER 3,000,789
JANSEN, KOEN KAREL 3,000,802
JANSEN, KOEN KAREL 3,001,094
JANSEN, KOEN KAREL 3,001,096
JANSSEN PHARMACEUTICALS, INC. 3,000,415
JANSSEN VACCINES & PREVENTION B.V. 3,001,050
JANSSEN, HARTMUT 3,000,882
JANSSEN, HARTMUT 3,000,886
JANTZ, DEREK 3,001,008
JANTZ, DEREK 3,001,011
JAQUESS, PERCY 3,001,126
JARRIAULT, MARINE 3,000,791
JARVIS, RICK 3,001,244
JAYARAMAN, VASANTH 3,000,509
JENKO, ALEXANDER 3,000,688
JENOPTIK ADVANCED SYSTEMS GMBH 3,000,874
JENSEN, LIV ELIZABETH 3,000,561
JETTI, RAJESH 3,000,719
JETTI, RAMAKOTESWARA RAO 3,000,600
JI, JIANGUO 3,000,802
JI, JIANGUO 3,001,094
JI, JIANGUO 3,001,096
JIA, XINLI 3,000,637
JIANG, ZHONGQING 3,000,586
JIANGSU HENGRUI MEDICINE CO., LTD. 3,000,761
JICHI MEDICAL UNIVERSITY 3,000,614
JIMENEZ, TEODORO S., JR. 3,001,249
JING, YUSHI 3,000,966
JIZODO, MAKOTO 2,995,668
JOFFROY, JEAN-MARC 3,000,787
JOHNSON PATTHEY PUBLIC LIMITED COMPANY 3,000,632
JOHNSON, DAVID 3,000,648
JOHNSON, DOUGLAS 3,001,052
JOHNSON, MATTHEW J. 3,001,063
JOHNSON, NICHOLAS 3,001,333
JOHNSSON, RICHARD 3,000,924
JONES, FRANK 3,001,066
JONES, LAUREN PAIGE 3,001,068
JONES, MARGARET 3,001,260
JONES, RUSSELL B. 3,000,664
JORDAN, MARTIN 3,000,926
JORKASKY, DIANE 3,000,842
JOSEPH, TIMOTHY E. 3,001,059
JOSHI, AMOL 3,000,921
JOSHI, RAJAN LAXMAN 3,000,020
JOUNG, J. KEITH 3,000,762
JOUNG, J. KEITH 3,000,816
JOURDAN, GUY-VINCENT 3,000,433
JOWETT, LEIGH 3,000,604
JUNCOSA, JOSE I. 3,001,330
JUNG, SUNG-KYU 3,000,636
JURY, MATHEW JAMES 3,001,236
JUSTICE, BRAD 3,000,999
JUVENTIN, ANNE-CLAIRE 3,000,587
KABADI, AMI MEDA 3,000,931
KADOCH, CIGALL 3,001,000
KAEPPLER, TOBIAS 3,000,556
KAFKA, HENRY 3,001,291
KAGEYAMA, KAZUHIRO 3,001,093
KAILASAM, SRIDHAR K. 3,001,233
KAISER, ANTON 3,001,181
KAISER, ANTON 3,001,184
KAISER, GEOFFREY 3,001,048
KAKUDA, THOMAS NAOKI 3,000,415
KALANI, PAWAN 3,000,929
KALATSKAYA, IRINA 3,000,858
KALIN, ERICH 3,001,414
KALZ, BEATE 3,000,409
KALZ, BEATE 3,000,419
KAMEDA, YASUTOSHI 3,000,962
KAMEI, SHIN 2,995,668
KAMIJO, TAKASHI 3,000,612
KAMINSKI, ANDREW 3,000,623
KANESHIRO, KEVIN 3,000,852
KANGPU BIOPHARMACEUTICALS, LTD. 3,000,547
KARNEVA, ZHANA 3,000,046
KARRAS, ANARGIROS 3,000,644
KARSTEN MANUFACTURING CORPORATION 3,000,837
KARSTEN, ELISABETH 3,001,154
KASER, MATTHEW 3,001,337
KASTRUP, JENS 3,000,912
KATZ, ANTHONY 3,001,371
KATZ, JORDAN 3,000,982
KAUL, ANOUP 3,001,332
KAWAI, HIROKI 3,000,887
KAWAKAMI, SATOSHI 3,000,619
KAWAMURA, HIROMICHI 3,000,606
KAWASHIMA, KOICHIRO 3,001,277
KAZMI, SYED WAJAHAT ALI SHAH 3,000,974
KEATING, BRENDAN MICHAEL 3,001,325
KEEN, ALAN 3,000,613
KEIDAR, MICHAEL 3,001,388
KEIFLIN, PIERRE 3,000,557
KEILHACK, HEIKE 3,000,983
KELLER, MARTIN 3,001,414
KELLEY, ROBERT F. 3,001,362
KELLEY, SHANA 3,000,438
KENDALL, DAVID 3,000,506
KENIS, ALEXANDER M. 3,000,955
KENIS, ALEXANDER M. 3,000,989
KENNEDY, DAVID ALLEN 3,000,658
KERR MACHINE CO. 3,000,679
KERSTETTER, RANDALL 3,000,669
KERWOOD, JOHN G. 3,000,829
KETTENBERGER, HUBERT 3,000,562
KEYSER, DONALD JEFFREY 3,000,950
KHAJAVI, KAVEH 3,000,829
KHALILI, KAMEL 3,001,130
KHAMPHILAPANYO, TOUBY 3,000,720
KHAN, ABBAS 3,000,766
KHAN, SUBHAN 3,000,948
KHANNA, MAY 3,001,075
KHANNA, RAJESH 3,001,075

KHATRI, PURVESH 3,001,134
KHORIAKOV, VITALY 3,000,637
KHUDONOGOV, ANDREJ VIKTOROVICH 3,000,991
KI, MIN-HYO 3,000,634
KIHARA, SHIORI 3,000,965
KIIVER, EGLE 3,001,271
KIKUCHI, KIYOFUMI 2,995,668
KIM, HARRISON 3,000,753
KIM, HYERAN 3,001,232
KIM, JIN SOO 3,001,108
KIM, JIN SOO 3,001,232
KIM, JUNGEUN 3,001,108
KIM, JUNGEUN 3,001,232
KIM, KYUSANG 3,000,655
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NISSAN MOTOR CO., LTD. 3,000,606
NISSAN MOTOR CO., LTD. 3,000,618
NISSAN MOTOR CO., LTD. 3,001,093
NISSAN MOTOR CO., LTD. 3,001,097
NISSAN MOTOR CO., LTD. 3,001,100
NISSAN MOTOR CO., LTD. 3,001,274
NISSAN MOTOR CO., LTD. 3,001,278
NISSHIN STEEL CO., LTD. 3,000,608
NJASTAD, JOHNNY 3,000,892
NOBEL BIOCARE SERVICES AG 3,000,913
NOGRA PHARMA LIMITED 3,000,569
NOKIA SOLUTIONS AND NETWORKS OY 3,000,871
NORDMAN, ERIC S. 3,000,942
NORDSTROM, BJORN 3,000,643
NORTHWESTERN UNIVERSITY 3,001,330
NOSTRUM ENERGY PTE. LTD. 3,000,840
NOVARTIS AG 3,000,592
NOVARTIS AG 3,000,593
NOVARTIS AG 3,000,594
NOVARTIS AG 3,000,946
NOVOZYMES A/S 3,001,389
NOWELL, MARK S. 3,000,679
NOWOSIELSKI, AGATHE ANNA 3,000,049
NOZZI, ANTHONY 3,001,308
NTN CORPORATION 3,001,277
NUERMBERGER, ERIC 3,001,309
NY STATE PSYCHIATRIC INSTITUTE 3,000,988
O'DONNELL, STEPHANIE KLIEN 3,001,325
O'KELLY, MATTHEW 3,000,009
O'LEARY, KEVIN 3,000,993
O'LEARY, NICHOLAS 3,000,566
O'NEILL, BRANDON 3,001,358
O'SHEA, CLODAGH 3,000,462
OBI PHARMA, INC. 3,000,531
OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "VDM-TEKHNIKA" 3,000,991
OCADO INNOVATION LIMITED 3,000,903
OCADO INNOVATION LIMITED 3,000,935
OCADO INNOVATION LIMITED 3,000,941
OCV INTELLECTUAL CAPITAL, LLC 3,001,239
ODONNELL, PENROSE 3,001,351
OETLINGER, FRANK E. 3,000,733
OETLINGER, FRANK E. 3,000,755
OFFORD CAVIN, ELIZABETH 3,001,091
OFINNO TECHNOLOGIES, LLC 3,000,508
OGASAWARA, SATOSHI 3,001,121
OGBONNA, ANAYO 3,000,862
OGUCHE, IKO 3,000,968
OHARA, SHUNSUKE 3,001,121
OHHATA, ATSUSHI 3,000,614
OHIO STATE INNOVATION FOUNDATION 3,000,630
OHSHIO, SHINTARO 3,000,618
OKOGEN, INC. 2,999,514
OKU, TAKANORI 3,001,274
OLDHAM, MARK 3,000,942
OLESKE, PETER J. 3,001,349
OLIER, PHILIPPE 3,000,479
OLIPHANT, MARTIN 3,000,909
OLIVER, RUTH 3,001,260
OLKO-MASCHINENTECHNIK GMBH 3,000,044
OLOGY BIOSERVICES, INC. 3,000,329
OLSON, BERNARD A. 3,001,319
OMAR, HASSAN ABOUBAKR 3,001,385
OMYA INTERNATIONAL AG 3,000,590
ONCOTHERAPY SCIENCE, INC. 3,000,808
ONCOTHERAPY SCIENCE, INC. 3,000,810
ONG, ELWIN CHING YEE 3,001,251
ONSUM, MATTHEW D. 3,000,742
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,000,858
OOE, HIROKI 3,001,277
OOTA, YUSUKE 3,000,618
OPALSKY, DAVID 3,001,017
ORENGO, JAMIE M. 3,000,725
ORENTAS, RIMAS 3,001,306
ORPYX MEDICAL TECHNOLOGIES INC. 3,000,759
ORR, MELVIN ALAN 3,000,512
ORR, MELVIN ALAN 3,000,513
ORSINI, RICHARD 3,001,052
ORTEC EXPANSION 3,000,795
ORTHOBOND, INC. 3,000,982
ORTIZ-TORAL, PEDRO 3,001,055
ORTMANNS, DIRK 3,000,027
ORTS-MATEO, JOSE MANUEL 3,000,596
OSTUNI, RAFFAELE 3,001,384
OTA, TAKAFUMI 3,000,960
OTSUKA PHARMACEUTICAL FACTORY, INC. 3,000,614
OTTAVI, NANDO 3,000,885
OUTOTEC (FINLAND) OY 3,000,797
OXFORD, MARK 3,001,018
OXY'NOV INC. 3,000,522
OY HALTON GROUP LTD. 3,001,319
PACE, CINZIA 3,000,599
PAGE, LANCE 3,000,889
PAINE, TIMOTHY 3,000,836
PAIXAO, ADRIEN 3,000,963
PAJOUHESH, HASSAN 3,000,708
PALISSE, ADELINE MARIE ELISE 3,000,802
PALISSE, ADELINE MARIE ELISE 3,001,094
PALISSE, ADELINE MARIE ELISE 3,001,096
PAN, SUOZHU 3,001,076
PANDEY, YOGENDRA NARAYAN 3,001,122
PANDEY, YOGENDRA NARAYAN 3,001,127
PANDEY, YOGENDRA NARAYAN 3,001,129
PANSE, SHREYAS S. 3,001,048
PANSE, SHREYAS S. 3,001,052
PAPAC, MICHAEL 3,000,946
PAPP, ROBERT IOAN 3,001,347
PARADIS, MARK 3,001,114
PARADOR GMBH 3,001,045
PARAT, CORINNE 3,000,043

PARCHMENT, ANTONY 3,001,023
PARE, GUILLAUME 3,001,257
PARK, BRIAN V. 3,000,647
PARK, BRIAN V. 3,001,299
PARK, JUNG-HYUN 3,000,636
PARKS, DANIEL 3,000,483
PARLATI, FRANCESCO 3,000,996
PARRINELLO, FIORENZO 3,001,262
PARVIN, FUOAD A. 3,001,319
PASCAUD, STEPHANE 3,000,922
PASKALOV, GEORGE 3,001,244
PATEL, NITEEN 3,000,823
PATEL, SACHIN V. 3,000,802
PATEL, SACHIN V. 3,001,094
PATEL, SACHIN V. 3,001,096
PATTON, JAMES 3,000,688
PATYK, LUKASZ 3,000,904
PAUL, HARTMUT 2,999,592
PAULSON, COREY ALAN 3,000,432
PEARSON, TREVOR 3,000,659
PECO, THIMAQ TIM 3,001,240
PEDERSEN, ANDERS 3,000,924
PEDERSEN, MIKKEL 3,000,564
PEET, RICHARD C. 3,000,999
PELLICCIARI, ROBERTO 3,000,881
PELTIER, JORDANE 3,001,256
PEMTEC 3,001,255
PENG, YUXING 3,000,645
PENTA, RAMA 3,000,727
PEPSICO, INC. 3,000,832
PERKINELMER HEALTH SCIENCES, INC. 3,001,020
PERLER, ADAM D. 3,001,161
PERNA, FABIANA 3,000,514
PERRIN GUERIN, VALERIE 3,001,158
PERSSON, MAGNUS 3,000,643
PETER, KRIS CLEVEN 3,000,656
PETERS, OLE 3,000,559
PETERSEN, FRANK 3,001,045
PETERSEN, MICHAEL 3,000,848
PETIT, VINCENT 3,000,884
PFEIFFER, MATTHIAS 2,999,998
PFEIL, ARMIN 3,000,785
PFEIL, ARMIN 3,000,788
PFEIL, ARMIN 3,000,790
PFEIL, ARMIN 3,000,895
PFEIL, ARMIN 3,000,914
PHADKE, AVINASH 3,000,415
PHILIP MORRIS PRODUCTS S.A. 3,000,791
PHILIP MORRIS PRODUCTS S.A. 3,001,079
PHILIPS, WILFRIED RICHARD HORTENSE 3,001,269
PHOTHIRATH, DANIEL D. 3,001,218
PI-DESIGN AG 3,001,083
PICCHIO, GASTON RAFAEL 3,000,415
PICKFORD, CHRISTOPHER 3,001,084
PICTOMETRY INTERNATIONAL CORP. 3,001,023
PIERSON, TRISTEN KYLE 3,001,247
PIJNENBURG, JOHANNES PETRUS MARIA 3,000,791
PINTEREST, INC. 3,000,966
PIONEER HI-BRED INTERNATIONAL, INC. 3,001,067
PISILA, EERO 3,000,793
PITIO, WALTER 3,000,464
PITIO, WALTER MICHAEL 3,000,466
PITSCH, WALTER 3,000,652
PITTERNA, THOMAS 3,001,170
PIXARBIO CORPORATION 3,000,730
PIZZONERO, MATHIEU RAFAEL 3,000,802
PIZZONERO, MATHIEU RAFAEL 3,001,094
PIZZONERO, MATHIEU RAFAEL 3,001,096
PLAIA, JAMES R. 3,000,694
PLANK, NICOLE 3,000,570
PLANK, NICOLE 3,000,571
PLASS, SIMON 3,001,080
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 3,000,749
PLOEG, LEONARDUS H.T. VAN DER 3,000,670
PLOEG, LEONARDUS H.T. VAN DER 3,000,673
PODGORSKI, MICHAEL 3,000,963
PODGORSKI, MICHAEL 3,001,072
POLETAEV, IVAN GEORGIEVICH 3,000,991
POLLARD, JOHN ROBERT 3,000,684
POLYMER LOGISTICS (ISRAEL) LTD. 3,000,603
PORTER, MARSHALL WINSTON 3,000,561
PORTZ, DANIELA 3,001,123
POUDINEH, MAHLA 3,000,438
POULSEN, NIKOLAI 3,000,663
POVOLNIK, GERGELY 3,000,864
POWELL, JONATHAN JOSEPH 3,000,589
POWERS, COLIN 3,000,462
PRADHAN, ANSHU A. 3,001,233
PRAKASH, INDRA 3,000,719
PRANADI, FERY 3,001,052
PRAVONG, BOUN 3,000,663
PRAVONGVIENGKHAM, KENNII 3,000,663
PRECISION BIOSCIENCES, INC. 3,001,008
PRECISION BIOSCIENCES, INC. 3,001,011
PREGIS INNOVATIVE PACKAGING LLC 3,000,677
PREIBISCH, IMKE 3,000,030
PRESCHE, MARTIN 3,001,164
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,996,513
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,001,063
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,001,314
PRESTA, LEONARD G. 3,000,869
PRETO, VASCO 3,000,623
PRICEMAN, SAUL J. 3,001,230
PRIMEVAX IMMUNO-ONCOLOGY, INC. 2,999,881
PROPLESCH, RALF 3,001,018
PROQR THERAPEUTICS II B.V. 3,000,046
PROTEOSTASIS THERAPEUTICS, INC. 3,000,483
PROTZ, ROBERT 3,001,088
PROTZ, ROBERT 3,001,090
PUCCI, FABRIZIO 3,001,262
PUCHACZ, JERZY P. 3,001,244
PURECIRCLE SDN BHD 3,000,719
PUSCAS, MIHAIL 3,001,347
Q-BOT LIMITED 3,001,087
QIAN, CHANGGENG 3,000,548
QING, YAN 3,000,763
QING, YUANHUI 3,000,548
QIU, HONGCHUN 3,001,337
QIU, PENG 3,001,076
QUACKENBUSH, JOHN FRANCIS 3,000,824
QUAKE, STEPHEN R. 3,000,155
QUAKE, STEPHEN R. 3,000,170
QUAKE, STEPHEN R. 3,000,182
QUAKE, STEPHEN R. 3,000,189
QUALCOMM INCORPORATED 3,000,020
QUALCOMM INCORPORATED 3,000,546
QUALCOMM INCORPORATED 3,000,646
QUALCOMM INCORPORATED 3,000,820
QUALCOMM INCORPORATED 3,001,365
QUANTUM BIOSYSTEMS INC. 3,000,942
QUETHERA LIMITED 3,001,036
RABINOVICH-NIKITIN, INNA 3,000,844
RADIUS HEALTH, INC. 3,000,533
RADIX INC. 3,001,070
RAGER-AGUIAR, DEAN JAMES 3,001,329
RAGONETTI, PETER T. 3,000,672
RAJ, DEEPAK P. 3,000,997
RAJAGOPAL, ARUN 3,000,654
RAJASEKARAN, JOHN J. 3,000,509
RAJURKAR, PANKAJ 3,001,019
RAMOT AT TEL-AVIV UNIVERSITY LTD. 3,000,844
RANCIC, MICKAEL 3,001,255
RANGASAMY, MURUGESAN 3,001,162
RAWLINGS, ROSS 3,001,070
RAY, JOYDEEP 3,000,572
RAY, KAUSHIK 3,000,952
RAYBIN, SAMUEL 3,001,002
RAYMOND, THOMAS D. 3,000,417
RAYNER INTRAOCULAR LENSES LIMITED 3,000,570
RAYNER INTRAOCULAR LENSES LIMITED 3,000,571
REACTIVE ROBOTICS GMBH 3,000,863
REAM, THOMAS S. 3,000,669
REAPER, PHILIP MICHAEL 3,000,684
REBTEL NETWORKS AB 3,000,623
REBUFFET, OLIVIER 3,001,252
RECKITT BENCKISER LLC 3,001,337
REDL, ANDREAS 3,001,266
REED, DANIEL 3,000,017
REFLOW MEDICAL, INC. 3,001,249

REGE, ABHISHEK 3,000,530
REGENERON PHARMACEUTICALS, INC. 3,000,725
REGENERON PHARMACEUTICALS, INC. 3,001,346
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,000,756
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,001,185
REGULA, JOERG THOMAS 3,000,560
REHAAG, AARON-KENNETH KARL 3,000,422
REICH, MELANIE 3,001,044
REIDENBERG, BRUCE 3,000,868
REILLY, MICHAEL 3,000,021
REIMANN, ANDREAS 3,001,268
REIMESCH, ROLAND 3,000,899
RENDON, MANUEL 3,001,284
RENTSCH, SAMUEL 3,000,590
REO, MICHAEL L. 3,001,338
REUTEMANN, THOMAS 3,000,900
REUTER, WOLFGANG 2,999,592
REUTER, WOLFGANG 3,000,635
REYES-SUAREZ, ERICK 3,001,018
REYNOLDS, FRANCIS M. 3,000,730
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN 3,001,268
RHEINMETALL WAFFE MUNITION GMBH 3,000,552
RHEINMETALL WAFFE MUNITION GMBH 3,000,764
RHYTHM PHARMACEUTICALS, INC. 3,000,670
RHYTHM PHARMACEUTICALS, INC. 3,000,673
RICCI, GIOVANNI 3,001,103
RICHTER DAHLFORS, AGNETA 3,000,625
RICHTER LIFE SCIENCE DEVELOPMENT AB 3,000,625
RICHTER, THORSTEN 3,000,882
RICHTER, THORSTEN 3,000,886
RICO ALVARINO, ALBERTO 3,000,646
RIDGWAY, CATHERINE JEAN 3,000,590
RIEDEL, PETER 3,000,592
RIFAY, MOUHCINE 3,001,279
RIGDELUGE GLOBAL LIMITED 3,001,082
RIGSHOSPITALET 3,000,912
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 3,000,049
RIJKENBERG, ROLF ARJAN 3,000,554
RILEY, MARK R. 3,000,964
RILEY, MARK R. 3,000,970
RILEY, MARK R. 3,000,972
RINDERSPACHER, KIRSTEN ALISON 3,000,988
RIO TINTO ALCAN INTERNATIONAL LIMITED 3,000,482
RISHTON, MICHAEL 3,000,939
RITCHIE, SHELDON 2,984,025
RITTAL GMBH & CO. KG 2,999,592
RITTAL GMBH & CO. KG 3,000,635
RITTER, MIRKO 3,000,048
RIVARD, DANIEL 3,000,795
RIZK, ISA 3,001,249
ROBERT, BRUNO 3,000,884
ROBSON, ANGUS 3,000,616
ROBSON, IAN 3,001,322
ROCKTAPE, INC. 3,001,272
ROCKWEILER, HOLLY ELIZABETH 3,001,068
ROCKWOOL INTERNATIONAL A/S 2,998,262
RODGERS-VIEIRA, ELYSE 3,001,123
RODINA, ANNA 3,000,851
ROEFZAAD, MELANIE 2,999,594
ROESSLE, CLAUDIA 3,001,091
ROGER, ELODIE 3,000,898
ROKBI, BACHRA 3,000,591
ROLLE, ALFRED 3,001,018
ROLLIE, SASCHA 3,000,556
ROLLQUETT PATENT AB 3,000,812
ROMAN, SANDLER 3,000,955
ROMER, MICHAEL C. 3,001,145
RONDONI, JOHN 3,000,961
RONNFELDT, FRANK 3,000,578
RONNING, DONALD 3,001,324
ROOS, ALEXANDRA 3,001,386
ROOSEN, PETER PAUL 3,000,455
ROSAR, PAUL 3,001,288
ROSE, PETER NORMAN 3,000,974
ROSIELLO, DAVIDE 3,001,117
ROSINGER, CHRISTOPHER HUGH 3,000,768
ROSINGER, CHRISTOPHER HUGH 3,000,769
ROSS, WILLIAM CLAYTON 3,001,119
ROTE, SCOTT J. 3,000,009
ROTHMAN, PAUL J. 3,000,507
ROTHWEIN, THOMAS 3,001,304
ROWE, STEVEN M. 3,001,099
ROY, SHAUNAK 3,000,889
ROYAL BANK OF CANADA 3,000,464
ROYAL BANK OF CANADA 3,000,466
RPC BRAMLAGE GMBH 3,001,164
RS ENERGY GROUP TOPCO, INC. 3,001,146
RUBENSON, ZACHARY E.K. 3,001,059
RUCKH, TIMOTHY TORDELLA 3,001,329
RUEGER, PETRA 3,000,560
RUIZ-MARTINEZ, DEBORA 3,000,596
RUMER, ALEXANDER 3,000,852
RUSSELL, STEPHEN 3,001,263
RYE, PHILIP 3,001,047
RYU, MIN-HYUNG 3,001,001
SAADATI, AMIR 3,000,643
SAARIO, RAMI 3,000,797
SABATIER, JOCELYN 3,000,902
SABDE, SUDEEP 3,000,929
SABIC GLOBAL TECHNOLOGIES B.V. 3,001,322
SACK, MARKUS 3,001,268
SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA 3,001,262
SADELAIN, MICHEL 3,000,514
SAEH, JAMAL 3,000,533
SAERS, ROBERT 3,001,168
SAETHER, GEIR 3,000,892
SAFETYPOINT (MIDLANDS) LIMITED 3,000,611
SAFRAN 3,000,963
SAFRAN 3,001,072
SAFRAN AIRCRAFT ENGINES 3,000,963
SAFRAN AIRCRAFT ENGINES 3,001,072
SAFRAN AIRCRAFT ENGINES 3,001,255
SAFRAN HELICOPTER ENGINES 3,000,922
SAFRAN TRANSMISSION SYSTEMS 3,001,256
SAI, TAO 3,001,362
SAIDA, TOMOAKI 3,000,608
SALEK, HASAN 3,001,279
SALK INSTITUTE FOR BIOLOGICAL STUDIES 3,000,462
SALVERMOSER, MANFRED 3,000,786
SAMI LABS LIMITED 2,999,517
SAMJIN PHARMACEUTICAL CO., LTD. 3,000,634
SAMMES, LAUREN BEVERLY 3,001,296
SAMPSON, KIMBERLY 3,001,123
SAMSON ROPE TECHNOLOGIES 3,000,694
SAMSUNG ELECTRONICS CO., LTD. 3,000,636
SAMUELSON, DEVIN GLENN 3,001,313
SANCHES, MARIO 3,000,869
SANCHEZ, JUSTIN 3,000,632
SANDEROVICH, AMICHAI 3,000,820
SANDHOLZER, MARTINA 3,000,906
SANDLER, ROMAN 3,000,989
SANGUANSRI, PEERASAK 3,000,856
SANGUI BIO PTY. LTD 3,001,154
SANO, YUSUKE 3,000,803
SANOCHEMIA PHARMAZEUTIKA AG 3,000,409
SANOCHEMIA PHARMAZEUTIKA AG 3,000,419
SANOFI PASTEUR 3,000,591
SANTALIS PHARMACEUTICALS, INC. 3,000,854
SANTAVICCA, JOSEPH ANTHONY 3,001,247
SANTILLANES, MATTHEW RONALD 3,000,632
SANTOS, CHRISTIAN ESPINOZA 3,001,239
SARDUY, LIVAN ALONSO 3,001,146
SAREYKA, BRETT W. 3,001,318
SARGENT, EDWARD 3,000,438

SARONG SOCIETA' PER AZIONI 3,000,843
SATELLITE INDUSTRIES, INC. 3,001,218
SATO, HIROYUKI 3,001,111
SATO, HIROYUKI 3,001,112
SATO, MASASHI 3,001,278
SAYERS, DAVID T. 3,001,335
SCASSO, ALEJANDRO FABIO 3,000,891
SCHAEFER, WOLFGANG 3,000,560
SCHAFER, OLIVIER 3,000,572
SCHAMBYE, HANS 3,000,924
SCHECKEL, MARIO 3,000,581
SCHENKER, MICHEL 3,001,265
SCHIESS, MICHAEL 3,000,688
SCHIFFMAN, JOSHUA 3,001,054
SCHINAZI, RAYMOND F. 3,000,951
SCHINDLER, TIMO 2,999,592
SCHINDLER, TIMO 3,000,635
SCHLACHTER, PETER 3,001,056
SCHLESINGER, ERICA 3,001,346
SCHLITTENHARD, JAN 3,000,024
SCHLITTENHARD, JAN 3,000,026
SCHLOTHAUER, TILMAN 3,000,562
SCHLUMBERGER CANADA LIMITED 3,000,512
SCHLUMBERGER CANADA LIMITED 3,000,513
SCHMIDT, DANIEL 3,001,250
SCHMITZ, BERTRAM 3,001,056
SCHMUTZLER, DIRK 3,000,768
SCHMUTZLER, DIRK 3,000,769
SCHNEIDER, CURT 3,001,138
SCHNEIDER, DINA 3,001,306
SCHNEIDERS, HANS 3,000,799
SCHNELL, STEFAN 3,000,578
SCHOOR, OLIVER 3,001,074
SCHROEDER, AVI 3,001,054
SCHROPP, KLAUS 3,000,900
SCHUELER, JOHANNES BERNARDUS 3,001,269
SCHULTE-ALTHOFF, HERMANN-JOSEF 3,001,157
SCHUMACHER, JORG 3,000,579
SCHUMACHER, JORG 3,000,581
SCHUNK, STEFAN 3,001,044
SCHUTTINGER, ALFRED 3,000,610
SCHWARZ, MARKUS 3,001,157
SCIBOZ, ALAIN 3,000,791
SEBERGER, STEPHEN G. 3,000,751
SEGGIO, FRANK 3,000,009
SEIDLER, KLAUS 3,000,874
SEKIGUCHI, MITSUAKI 3,000,617
SEMPLE, RYAN 3,001,333
SEMRAU, JEREMY DAVID 3,000,792
SENNICS CO., LTD. 3,001,053
SENNINO, BARBARA 3,001,131
SENSO2ME NV. 3,001,269
SENTINEL ONCOLOGY LIMITED 3,000,565
SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION 3,001,108
SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION 3,001,232
SERPI, VALERIA 3,001,092
SERVICENOW, INC. 3,000,827
SETOGUCHI, HIDEAKI 3,001,097
SEVESTRE, SAMUEL 3,000,884
SEYRLEHNER, GEORG 3,000,749
SFC FLUIDICS, INC. 3,001,248
SHAHSAVARI, ROUZBEH 3,000,682
SHAMSI JAZEYI, HADI 3,001,181
SHAMSI JAZEYI, HADI 3,001,184
SHANGHAI CHAI MING HUANG INFORMATION TECHNOLOGY CO., LTD. 2,974,439
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 3,000,761
SHANGHAI JIAO TONG UNIVERSITY 3,000,551
SHAO, KE 3,000,638
SHAO, ZHONGQI 3,000,549
SHARMA, INDRAJEET 3,000,709
SHARMA, SHUBH 3,000,670
SHARMAK, ANNA 3,000,785
SHARROW ENGINEERING LLC 3,000,830
SHARROW, GREGORY CHARLES 3,000,830
SHASHURIN, ALEXEY 3,001,388
SHAW, STEVAN GRAHAM 3,001,260
SHE, JIN 3,000,794
SHEEHAN, ANTONY JAMES 3,000,584
SHELDON, JOHN CHARLES 3,000,444
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,000,899
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,001,378
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,001,380
SHEN, GUOYANG 3,000,641
SHEN, XINPU 3,000,641
SHEN, XUEMIN 3,001,385
SHETH, RITESH 3,000,919
SHI, GENBAO 3,001,122
SHI, GENBAO 3,001,127
SHI, GENBAO 3,001,129
SHI, QIFENG 3,000,763
SHI, SONG 3,001,053
SHI, ZHIYUAN 3,000,645
SHIBATA, TAIKI 3,000,619
SHIBUYA, GRANT MASAAKI 3,000,708
SHIGDEL, UDDHAV KUMAR 3,000,822
SHIMOIDE, ALAN 3,000,727
SHIN, HEE-JONG 3,000,634
SHIONOGI & CO., LTD. 3,000,617
SHIRANI BIDABADI, HAMID 3,000,625
SHITARA, MORIYOSHI 3,000,607
SHORTELL, ROBERT R. 3,000,919
SHRESTHA, ANURUPA 3,000,802
SHRESTHA, ANURUPA 3,001,094
SHRESTHA, ANURUPA 3,001,096
SHRESTHA, LIZA 3,000,851
SHRIVASTAVA, DHAIRYA 3,000,852
SHUTTERFLY, INC. 3,000,955
SHUTTERFLY, INC. 3,000,989
SIAS, RALPH 3,000,663
SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD. 3,000,763
SIDDIQI, SAAD 3,001,081
SIEBEL, THOMAS M. 3,001,304
SIEDER, GEORG 3,000,030
SIEGELMAN, REBECCA L. 3,000,695
SIEMENS AKTIENGESELLSCHAFT 2,999,594
SIESS, THORSTEN 3,000,579
SIESS, THORSTEN 3,000,581
SILBERNAGEL, DANIEL 3,000,556
SILVER CREEK PHARMACEUTICALS, INC. 3,000,742
SILVERMAN, RICHARD B. 3,001,330
SIMIN, KARL J. 3,001,125
SIMONELLI GROUP S.P.A. 3,000,885
SINGH, AMIT 3,000,600
SINGH, HARPREET 3,001,074
SIRCH, VANESSA 3,000,895
SIRIHORACHAI, RACHAN 3,001,288
SITBON, MARC 3,000,884
SITEONE THERAPEUTICS, INC. 3,000,708
SIVERTSEN, RONALD 3,000,892
SIWA CORPORATION 3,000,815
SKARDAL, ALEKSANDER 3,000,712
SKARDAL, ALEKSANDER 3,000,718
SKOGLUND, THOMAS 3,000,623
SKRIKERUD, MARTIN 3,001,398
SMART FIBRES LIMITED 3,000,620
SMIDT, PIETER JAN MARK 3,000,773
SMITH, JACOB CODY 2,999,774
SMITH, JAMES JEFFERSON 3,001,008
SMITH, JAMES JEFFERSON 3,001,011
SMITH, PAUL 3,001,002
SMITH, TIMOTHY 3,001,263
SNAPBACK SEAT COMPANY LTD. 3,000,472
SNOWBARGER, JIMMIE L. 3,000,751
SNOWDON, DAVID CHARLES AMBLER 3,001,041
SNYDER, JOHN K. 3,001,301
SNYDER, KAREN L. 3,001,052
SOENS, MEGHAN ELIZABETH 3,001,002
SOGABE, MANABU 3,000,619
SOLENTUM B.V. 3,000,793
SOLIERI, MATTIA 3,000,843
SOLITON SYSTEMS K.K. 3,001,282
SOLLEVELD, JOHAN CORNELIS 3,000,049
SOLOMON, BEKA 3,000,844
SOMAIYA, MAYANK 3,000,957
SOMMAZZI, ANNA 3,001,103
SONG, HONGMEI 3,000,763
SONG, MI RYOUNG 3,001,001
SONY CORPORATION 3,001,275

SONY CORPORATION 3,001,290
SOROKIN, KONSTANTIN VLADIMIROVICH 3,000,811
SOUTHERN RESEARCH INSTITUTE 3,000,753
SPANGLER, JONATHAN DAVID 3,000,829
SPANIER, GERD 3,000,579
SPEARS, MELANIE 3,000,858
SPIECKER, P. MATTHEW 3,001,307
SPIEGEL, HOLGER 3,001,268
SPIEGEL, SIMON 3,000,863
SPITZER, LUC 3,001,397
SPRATT, RAY STEVEN 3,000,575
SPRING LOADED TECHNOLOGY INCORPORATED 3,000,857
SPRINGER, MICHAEL 3,000,329
SPRINT COMMUNICATIONS COMPANY L.P. 3,000,654
SREEKRISHNA, KOTI TATACHAR 3,000,021
SREEKRISHNA, KOTI TATACHAR 3,000,022
SRI GOPALA KRISHNA MURTHI, SANKARA 3,000,879
SRINIVASARAO, ATTANTI VEERA VENKATA 3,000,600
SRIVASTAVA, RAE MOHAN 3,001,122
SRIVASTAVA, RAE MOHAN 3,001,127
SRIVASTAVA, RAE MOHAN 3,001,129
STAAB, WAYNE J. 3,000,672
STANDIFIRD, WILLIAM 3,000,641
STANISLAUS, SHANAKA 3,000,697
STANTON, MATTHEW 3,001,014
STAPLETON, TERRY M. 3,001,141
STARCZYNOWSKI, DANIEL 3,000,510
STARTBOX, LLC 3,000,829
STATOIL PETROLEUM AS 3,001,234
STAVELEY, CHRISTOPHER 3,000,620
STEBBINS, GREG 3,000,872
STEELE, THOMAS 3,001,014
STEFANINI, LUCIANO MARTINEZ 3,000,736
STEFANO, FRANCISCO JOSE EVARISTO 3,000,891
STEFANSKI, MICHAEL LENN 3,001,018
STEFELY, JAMES S. 3,000,689
STEIN, LINCOLN 3,000,858
STEIN, STEPHEN W. 3,000,689
STEINBECK, JULIUS 3,001,242
STEINBERGER, JONATHAN DANIEL 3,001,068
STEPHEY, NICHOLAS PAUL 3,000,511
STEPIN, VICTOR ALEXEEVICH 2,999,700
STEVENS, DAVID MICHAEL 3,001,329
STEVENS, TRAVIS MICHAEL 3,000,759
STIDHAM, LAURA 3,001,015
STILES, DYLAN T. 3,000,822
STOLLER ENTERPRISES, INC. 3,000,919
STOLLER, JERRY 3,000,919
STORA ENSO OYJ 3,001,088
STORA ENSO OYJ 3,001,090
STOVALL, TIMOTHY D. 3,001,052
STOWE, TIMOTHY R. 3,000,742
STRACHAN, MICHAEL JOHN 3,001,301
STREM, BRIAN 2,999,514
STRIMENOPOULOU, FOTEINI 3,001,260
STRUNK, MICHAEL 3,000,872
STRYKER CORPORATION 3,001,013
STUBENRAUCH, KAY-GUNNAR 3,000,048
STUDER, LORENZ 3,001,242
SUBKLEWE, MARION 3,000,597
SUBRAMANIAN, HARIHARAN 3,000,767
SUBRAMANIAN, VALAVANUR A. 3,001,338
SUMITOMO DAINIPPON PHARMA CO., LTD. 3,001,283
SUN PATENT TRUST 3,000,752
SUN, PIAOYANG 3,000,761
SUN, QIANG 3,000,576
SUN, YING 3,000,643
SUNGARD AVAILABILITY SERVICES, LP 3,000,952
SUNWELL ENGINEERING COMPANY LIMITED 3,000,748
SUNWELL ENGINEERING COMPANY LIMITED 3,000,754
SUTTER, JOSEF 3,000,876
SUTTERLUETY, ANDREAS 3,000,876
SUWA, AKIYUKI 3,000,803
SVISTULA, DMITRI 3,000,727
SWALLOW, STANLEY SHIGEZO 3,000,639
SWEENEY, TIMOTHY E. 3,001,134
SWELLFIX UK LIMITED 3,000,968
SWIERGON, PIOTR 3,000,856
SWIFT, ELIZABETH C. 3,000,802
SWIFT, ELIZABETH C. 3,001,094
SWIFT, ELIZABETH C. 3,001,096
SWISS, GERALD F. 3,000,649
SYCHEV, MAXIM BORISOVITCH 2,999,700
SYED, NAYEEM 3,001,323
SYLLIAASEN, SCOTT 3,001,320
SYMPHOGEN A/S 3,000,564
SYNGENTA PARTICIPATIONS AG 3,001,170
SZIJARTO, VALERIA 3,000,901
SZKOPEK, THOMAS 3,000,855
TABOR, GIRMA M. 3,001,067
TACHIKAWA, KIYOSHI 2,996,722
TACTILE SYSTEMS TECHNOLOGY, INC. 3,000,964
TACTILE SYSTEMS TECHNOLOGY, INC. 3,000,970
TACTILE SYSTEMS TECHNOLOGY, INC. 3,000,972
TACTILE SYSTEMS TECHNOLOGY, INC. 3,000,992
TAHARA, MASAHIKO 3,000,605
TAI, YOSHIKAZU 3,000,608
TAKAHASHI, KAZUYUKI 3,001,275
TAKAHASHI, MANABU 3,000,607
TAKASAGO INTERNATIONAL CORPORATION 3,000,609
TAKAYA, KENJI 3,001,330
TAKEDA, HIROSHI 3,001,278
TAKEMOTO, MASATSUGU 3,001,121
TALAGA, PHILIPPE 3,000,591
TALDONE, TONY 3,000,851
TALIERCIO, GUILLAUME 3,000,922
TALLON, SOPHIE 3,001,255
TAMARIT, BLANCHE 3,001,174
TAMIR, GIORA 3,000,827
TAMM, RUSSEL CARL 3,000,667
TAN, COLIN 3,000,719
TAN, DEREK SHIEH 3,000,709
TANAKA, HIROSHI 3,000,612
TANINO, TETSUYA 3,000,617
TAO, WEIKANG 3,000,761
TATA STEEL IJMUIDEN B.V. 3,000,554
TAYLOR, DANIEL 3,001,087
TAYLOR, JON 3,001,002
TCHANKOTADZE, DAVID 3,001,304
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED 3,001,054
TEETER, JEROLD SCOTT 2,996,879
TEGEL, ROBERT 3,000,677
TEIKOKU SEIYAKU CO., LTD. 3,000,619
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,000,643
TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,001,130
TEN CATE THIOLON B.V. 3,000,602
TEREOS STARCH & SWEETENERS BELGIUM 3,001,266
TERPSTRA, STEVEN 3,001,142
TEZUKA, ATSUSHI 3,000,605
TGR BIOSCIENCES PTY LTD. 3,000,584
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,000,627
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,000,708
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,000,985
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,001,000
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,001,134
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,000,627
THE COCA-COLA COMPANY 3,000,655
THE COCA-COLA COMPANY 3,000,719
THE CROSBY GROUP LLC 3,000,651
THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH 3,000,657
THE GENERAL HOSPITAL CORPORATION 3,000,762

THE GENERAL HOSPITAL CORPORATION 3,000,816
THE GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, INC. 3,001,309
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,000,438
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,000,665
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 3,000,784
THE HILLMAN GROUP, INC. 3,000,959
THE KANSAI ELECTRIC POWER CO., INC. 3,000,612
THE PROCTER & GAMBLE COMPANY 3,000,021
THE PROCTER & GAMBLE COMPANY 3,000,022
THE PROCTER & GAMBLE COMPANY 3,000,818
THE PROCTER & GAMBLE COMPANY 3,000,846
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,000,633
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,000,695
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,000,836
THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE 3,000,983
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 3,000,792
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 3,000,709
THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY 3,000,855
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 3,000,988
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 3,001,139
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3,000,660
THE UAB RESEARCH FOUNDATION 3,000,753
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,000,661
THE YOKOHAMA RUBBER CO., LTD. 3,001,105
THE YOKOHAMA RUBBER CO., LTD. 3,001,106
THE YOKOHAMA RUBBER CO., LTD. 3,001,111
THE YOKOHAMA RUBBER CO., LTD. 3,001,112
THE YOKOHAMA RUBBER CO., LTD. 3,001,115
THE YOKOHAMA RUBBER CO., LTD. 3,001,116
THERALASE TECHNOLOGIES, INC 3,001,273
THEZE, JACQUES 3,001,174
THIMM, DANIEL 3,000,594
THIRUMALAI, VIJAYARAGHAVAN 3,000,020
THOMPSON, ASHA PETA 3,000,639
THOMPSON, DAVID CHARLES 3,000,234
THOMPSON, JOSHUA A. 3,000,695
THOMPSON, STUART 3,000,883
THOMSEN, ALEX A. 3,001,059
THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY 3,001,323
THORESEN, PER 3,000,643
THORNTON, GREG 3,001,062
TIAN, BIN 3,001,365
TIAN, SONG 3,000,546
TIAN, WEI 2,974,439
TIAN, WEI 3,001,076
TIKO, L.L.C. 3,001,325
TIIROLA, ESA TAPANI 3,000,871
TILK, JASON GRANT 3,000,964
TILK, JASON GRANT 3,000,970
TILK, JASON GRANT 3,000,972
TIMEPLAST INTERNATIONAL, LLC. 3,001,284
TOHO TENAX EUROPE GMBH 3,000,027
TOJEK, ANDREW P. 3,000,720
TOLMAN, RANDY C. 3,001,307
TOM-YEW, STACEY A.L. 3,000,869
TOMRA SYSTEMS ASA 3,000,892
TONG, CHEUK KA 3,001,316
TONG, RAY H. 3,001,002
TONGE, PETER JAMES 3,000,709
TOP ALLIANCE TECHNOLOGY LIMITED 3,000,867
TORABZADEGAN, MEHRDAD 3,000,052
TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION 3,001,121
TOUHAMI, JAWIDA 3,000,884
TOWNSEND, WILLIAM T. 3,000,688
TOWNSON, SHARON A. 3,000,822
TOYE, JONATHAN DALLAS 3,000,807
TRAN, NGUYEN 3,000,856
TRANNINGER, MICHAEL 3,000,553
TRANSVERSE MEDICAL, INC. 3,001,295
TREOFAN GERMANY GMBH & CO. KG 3,001,056
TREVITHICK, MARK W. 3,000,513
TRIBBLE, DENNIS ANTHONY 3,001,135
TROJAN, DANIEL G. 3,000,715
TROKEL, STEPHEN 3,001,139
TRUSHCHENKOVA, SVETLANA 3,000,957
TSAI, SHENGDAR 3,000,762
TSAI, SHENGDAR 3,000,816
TSAI, SHIAU-HE 3,000,546
TSE, CHRIS 3,000,802
TSUCHIYA, TERUMASA 3,000,605
TSUDA, AKINORI 3,000,887
TSUI, GALLEN K.L. 3,001,270
TSUI, PHILIP Y.W. 3,001,270
TSUJIUCHI, TATSUYA 3,000,612
TSUKAGOSHI, IKUO 3,001,290
TSUZUKI, KEN 2,995,668
TUCKER, RICHARD B. C., JR. 2,999,470
TUMAS, DANIEL 3,000,746
TUMMALAPALLI, UMASANKARA SASTRY 3,000,600
TURBO DRILL INDUSTRIES, INC. 2,984,025
TURNBULL, KEVIN 3,000,783
TURNER, KEITH H. 3,000,917
TURNQUIST, LLEWELLYN LLOYD 3,000,759
TUSZKIEWICZ, GEORGE 3,001,114
TWEEDIE, DAVID 3,000,661
TWITCHEN, DANIEL JAMES 2,999,527
TZITZILONIS, CHRISTOS 3,000,561
U.S. PATENT INNOVATIONS LLC 3,001,388
UCB BIOPHARMA SPRL 3,001,260
UEHARA, KAZUHIRO 3,001,282
UETSUKI, YASUYUKI 3,000,960
ULLRICH, ROMAN 3,000,908
UNICOR GMBH 2,998,795
UNILIN, BVBA 3,001,102
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 3,001,160
UNITED STATES GYPSUM COMPANY 3,000,826
UNIVERSAL CITY STUDIOS LLC 3,000,760
UNIVERSITE CLERMONT AUVERGNE 3,000,555
UNIVERSITE DE BORDEAUX 3,000,902
UNIVERSITE DE BRETAGNE OCCIDENTALE 3,000,522
UNIVERSITE DE MONTPELLIER 3,000,884
UNIVERSITE DE NANTES 2,999,612
UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR 3,000,043
UNIVERSITE LAVAL 3,000,522

UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN 3,000,661
UNIVERSITY HEALTH NETWORK 3,000,757
UNIVERSITY HEALTH NETWORK 3,001,273
UNIVERSITY OF KWAZULU-NATAL 3,001,259
UNIVERSITY OF LEEDS 3,001,263
UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES 3,001,114
UNIVERSITY OF MASSACHUSETTS 3,001,125
UNIVERSITY OF PRETORIA 3,000,853
UNIVERSITY OF SOUTHAMPTON 3,000,971
UNIVERSITY OF UTAH RESEARCH FOUNDATION 3,000,824
UNIVERSITY OF UTAH RESEARCH FOUNDATION 3,001,054
UROSEV, DUNJA 3,000,869
URQUIMA, S.A 3,000,580
UTECH, THOMAS 3,001,135
UTI LIMITED PARTNERSHIP 3,001,200
VACCARI, ANDREA 3,000,933
VACHER, DAVID 3,001,049
VACHON, JEROME 3,001,322
VADERSTAD HOLDING AB 3,001,280
VAJJAH, VENKATA PAVAN KUMAR 3,001,260
VALE S.A. 3,000,515
VALETI, UMA S. 3,000,771
VALLE, CLAUDE 3,000,688
VALLERA, DANIEL ATTILIO 3,000,756
VALLERA, DANIEL ATTILIO 3,001,185
VAN BUYTEN, ALAIN MYRIAM ROBERT 3,001,269
VAN DEN DRIES, GREGORY 3,001,272
VAN DER PLAS, STEVEN EMIEL 3,000,802
VAN DER PLAS, STEVEN EMIEL 3,001,094
VAN DER PLAS, STEVEN EMIEL 3,001,096
VAN DIJCK, ALEX 3,000,415
VAN HORCK, FRANCISCUS BERNARDUS MARIE 3,000,773
VAN LIER, ROY 3,001,322
VAN LOOKEREN CAMPAGNE, MENNO 3,001,362
VAN REMOORTERE, PETER 3,000,415
VAN ZIJL, ANTHONI 3,001,322
VANDEGHINSTE, NICK ERNEST RENE 3,000,779
VANDEVOORDE, CHRISTOF 3,001,102
VARGESSON, NEIL 3,000,661
VARLOUD, MARIE 3,000,558
VASE, ABHI 3,000,747
VASILYEVA, SVETLANA VICTOROVNA 3,000,904
VASOPTIC MEDICAL, INC. 3,000,530
VASUDEVAN, VENUGOPAL 3,000,845
VASUDEVAN, VENUGOPAL 3,000,847
VEALE, KIRSTY LYNN 3,001,259
VELLINGA-WALLENHAUER, MARIEKEN 3,000,024
VELLINGA-WALLENHAUER, MARIEKEN 3,000,026
VENCOREX FRANCE 3,000,479
VENIANT-ELLISON, MURIELLE 3,000,697
VENTANA MEDICAL SYSTEMS, INC. 3,000,050
VERAIL TECHNOLOGIES, INC. 3,000,455
VERBRUGGE, PETER 3,000,651
VERDINE, GREGORY L. 3,000,822
VERES, TEODOR 3,001,413
VERLHAC, VIVIANE 3,001,389
VERMANI, SAMEER 3,001,365
VERMUNT, ADRIANUS MARINUS WILHELMUS 3,000,945
VERRINI, GILBERTO 3,000,933
VERSALIS S.P.A. 3,001,103
VERSTEGGE, CHRISTIAN 3,001,045
VERTEX PHARMACEUTICALS INCORPORATED 3,000,684
VERZAL, KEVIN 3,000,961
VESANEN, MANU 3,000,797
VETLAND, LASSE 3,001,180
VIBHAKAR, RAJEEV 3,000,983
VIBRANT HOLDINGS, LLC 3,000,509
VIDRIO PLANO DE MEXICO, S.A. DE C.V. 3,000,806
VIEW, INC. 3,000,852
VIEW, INC. 3,001,233
VIGILANZA, VINCENZO 3,001,117
VILA TUSELL, XAVIER 3,000,580
VIRUSTATIC LIMITED 3,000,626
VISA INTERNATIONAL SERVICE ASSOCIATION 3,000,957
VISA INTERNATIONAL SERVICE ASSOCIATION 3,001,019
VISION EASE, LP 3,001,120
VISRAM, ZEHRA 3,000,901
VITALITY BIOPHARMA, INC. 2,999,764
VITKO, JASON 3,001,238
VIZER, THOMAS 3,000,913
VOGO 3,000,557
VOGT, JOERG 3,000,900
VOIGT, CHRISTOPHER 3,001,001
VON KOSSAK-GLOWCZEWSKI, THOMAS PAUL 3,000,899
VONTORCIK, JOSEPH J., JR. 3,000,666
VORDERBRUGGEN, MARK ALAN 3,000,954
VORECHOVSKY, IGOR 3,000,971
VOXX INTERNATIONAL CORPORATION 3,001,247
VUKELIC, SINISA 3,001,139
VUORTENVALI, HANNA 3,000,797
W.H.P.M BIORESEARCH AND TECHNOLOGY CO., LTD. 3,000,573
WAHLBERG, ELISABET 3,001,264
WAIN-HOBSON, SIMON 3,000,776
WAKE FOREST UNIVERSITY HEALTH SCIENCES 3,000,712
WAKE FOREST UNIVERSITY HEALTH SCIENCES 3,000,718
WAKE FOREST UNIVERSITY HEALTH SCIENCES 3,001,341
WAKE FOREST UNIVERSITY HEALTH SCIENCES 3,001,342
WALKER, CHRISTOPHER BRIAN 3,001,347
WALKER, DAVID WINTER 3,000,565
WALL WARNER, AMELIA 3,001,151
WALMART APOLLO, LLC 3,001,335
WALTON, ZACHARY WILLIAM 3,000,642
WALZ, KENDAHL 3,000,630
WAN, JOHN 3,000,573
WANG, AIXIA 3,001,200
WANG, DAOMIN 3,000,741
WANG, DAOMIN 3,000,743
WANG, HONGZHI 3,000,736
WANG, HUANGUANG 3,000,629
WANG, JIANBIN 3,000,155
WANG, JIANBIN 3,000,170
WANG, JIANBIN 3,000,182
WANG, JIANBIN 3,000,189
WANG, JING 3,000,763
WANG, JINGYI 3,000,763
WANG, JUE 3,000,852
WANG, JUN 3,000,686
WANG, LICHUN 3,000,763
WANG, LILEI 3,000,752
WANG, SHANSHAN 3,000,546
WANG, TIANHAO 3,000,509
WANG, XIAOFENG 3,000,646
WANG, XIAOMING 3,000,422
WANG, XUEQING 3,000,802
WANG, XUEQING 3,001,094
WANG, XUEQING 3,001,096
WANG, YADONG 3,000,645
WANG, YANYAN 3,000,548
WANG, ZHAOYANG 3,001,122
WANG, ZHAOYANG 3,001,127
WANG, ZHAOYANG 3,001,129
WANGEROW, JIM 3,001,055
WARD, LOREN 3,000,841
WARP DRIVE BIO, INC. 3,000,822
WARPINSKI, NORMAN R. 3,000,647
WARSAW ORTHOPEDIC, INC. 3,001,140
WATANABE, HITOSHI 3,001,283
WATANABE, MUNEMITSU 3,000,605
WATERS, NIGEL J. 3,000,983
WATSON, CHRISTINE 3,001,084
WEATHERFORD U.K. LIMITED 3,000,909
WEAVER, COLIN 3,001,250
WEGE, PHILIP 3,001,170
WEI, XIAOXI 3,001,065
WEI, YONGBIN 3,000,646
WEINSCHENK, TONI 3,001,074
WELCH, MARK 3,001,312
WELHAM, NICHOLAS JAMES 3,000,543
WELKER, MATTHIAS 3,000,590

WELLENG SCIENCE AND TECHNOLOGY LTD 3,001,303
WELLENS, SERGE 3,001,173
WELLS, GREGORY A. 3,000,640
WELLS, SUSANNE 3,000,510
WELZIG, STEFAN 3,000,409
WELZIG, STEFAN 3,000,419
WENG, YU 3,000,577
WENNEN, DARREN JAY 3,000,964
WENNEN, DARREN JAY 3,000,970
WENNEN, DARREN JAY 3,000,972
WENNEN, DARREN JAY 3,000,992
WERTEC GMBH 3,001,393
WESSELS, UWE 3,000,048
WETCHOLOWSKY, INGO 3,001,186
WETSCH, THOMAS D. 3,000,677
WHEATLEY, BARRY 3,000,946
WHEELRIGHT LIMITED 3,000,974
WHITE, DAVID 3,000,813
WHITMIRE, LUKE E. 3,001,317
WICKER, NATHAN J. 3,000,009
WICKRAMASURIYA, JEHAN 3,000,845
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